## **Product Datasheet**

### NgR2/NgRH1/RTN4RL2 Antibody [DyLight 755] NBP2-41200IR

Unit Size: 0.1 ml

Store at 4C in the dark.

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#### NBP2-41200IR

NgR2/NgRH1/RTN4RL2 Antibody [DyLight 755]

| Unit Size       0.1 ml         Concentration       Please see the vial label for concentration. If unlisted please contact technical services.         Storage       Store at 4C in the dark.         Clonality       Polyclonal         Preservative       0.05% Sodium Azide         Isotype       IgG         Conjugate       DyLight 755         Purity       Peptide affinity purified         Buffer       50mM Sodium Borate         Product Description       Host         Rabbit       Gene ID         Gene Symbol       RTN4RL2         Species       Human         Reactivity Notes       0         Specificity/Sensitivity       Three alternatively spliced transcript variants have been observed. RTN4RL2 antibody is predicted to not cross-react with other Nogo receptor-like proteins.         Immunogen       Antibody was raised against an 18 amino acid peptide near the carboxy terminus of human RTN4RL2. The immunogen is located within amino acids 330 - 380 of RTN4RL2. Amino Acid Squence: LYRDLPAEDSRGRQGGDA         Notes       DvLight (B) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. | Product Information          |                                                                                   |
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| services.StorageStore at 4C in the dark.ClonalityPolyclonalPreservative0.05% Sodium AzideIsotypeIgGConjugateDyLight 755PurityPeptide affinity purifiedBuffer50mM Sodium BorateProduct DescriptionHostRabbitGene ID349667Gene SymbolRTN4RL2SpeciesHumanReactivity Notes0Specificity/SensitivityThree alternatively spliced transcript variants have been observed. RTN4RL2<br>antibody is predicted to not cross-react with other Nogo receptor-like proteins.ImmunogenAntibody was raised against an 18 amino acid peptide near the carboxy terminus<br>of human RTN4RL2. The immunogen is located within amino acids 330 - 380 of<br>RTN4RL2. Amino Acid Squence: LYRDLPAEDSRGRQGGDANotesImmunogen is located within amino acids 330 - 380 of<br>RTN4RL2. Amino Acid Squence: LYRDLPAEDSRGRQGGDA                                                                                                                                                                                                                                                                                                                                                 | Unit Size                    | 0.1 ml                                                                            |
| ClonalityPolyclonalPreservative0.05% Sodium AzideIsotypeIgGConjugateDyLight 755PurityPeptide affinity purifiedBuffer50mM Sodium BorateProduct DescriptionHostRabbitGene ID349667Gene SymbolRTN4RL2SpeciesHumanReactivity Notes0Specificity/SensitivityThree alternatively spliced transcript variants have been observed. RTN4RL2<br>antibody is predicted to not cross-react with other Nogo receptor-like proteins.ImmunogenAntibody was raised against an 18 amino acid peptide near the carboxy terminus<br>of human RTN4RL2. The immunogen is located within amino acids 330 - 380 of<br>RTN4RL2. Amino Acid Squence: LYRDLPAEDSRGRQGGDA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Concentration                |                                                                                   |
| Preservative0.05% Sodium AzideIsotypeIgGConjugateDyLight 755PurityPeptide affinity purifiedBuffer50mM Sodium BorateProduct DescriptionHostRabbitGene ID349667Gene SymbolRTN4RL2SpeciesHumanReactivity Notes0Specificity/SensitivityThree alternatively spliced transcript variants have been observed. RTN4RL2<br>antibody is predicted to not cross-react with other Nogo receptor-like proteins.ImmunogenAntibody was raised against an 18 amino acid peptide near the carboxy terminus<br>of human RTN4RL2. The immunogen is located within amino acids 330 - 380 of<br>RTN4RL2. Amino Acid Squence: LYRDLPAEDSRGRQGGDANotes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Storage                      | Store at 4C in the dark.                                                          |
| IsotypeIgGConjugateDyLight 755PurityPeptide affinity purifiedBuffer50mM Sodium BorateProduct DescriptionHostRabbitGene ID349667Gene SymbolRTN4RL2SpeciesHumanReactivity Notes0Specificity/SensitivityThree alternatively spliced transcript variants have been observed. RTN4RL2<br>antibody is predicted to not cross-react with other Nogo receptor-like proteins.ImmunogenAntibody was raised against an 18 amino acid peptide near the carboxy terminus<br>of human RTN4RL2. The immunogen is located within amino acids 330 - 380 of<br>RTN4RL2. Amino Acid Squence: LYRDLPAEDSRGRQGGDA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Clonality                    | Polyclonal                                                                        |
| ConjugateDyLight 755PurityPeptide affinity purifiedBuffer50mM Sodium BorateProduct DescriptionHostHostRabbitGene ID349667Gene SymbolRTN4RL2SpeciesHumanReactivity Notes0Specificity/SensitivityThree alternatively spliced transcript variants have been observed. RTN4RL2<br>antibody is predicted to not cross-react with other Nogo receptor-like proteins.ImmunogenAntibody was raised against an 18 amino acid peptide near the carboxy terminus<br>of human RTN4RL2. The immunogen is located within amino acids 330 - 380 of<br>RTN4RL2. Amino Acid Squence: LYRDLPAEDSRGRQGGDANotesImmunogen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Preservative                 | 0.05% Sodium Azide                                                                |
| Purity       Peptide affinity purified         Buffer       50mM Sodium Borate         Product Description       Host       Rabbit         Gene ID       349667       Gene Symbol       RTN4RL2         Species       Human       Reactivity Notes       0         Specificity/Sensitivity       Three alternatively spliced transcript variants have been observed. RTN4RL2 antibody is predicted to not cross-react with other Nogo receptor-like proteins.         Immunogen       Antibody was raised against an 18 amino acid peptide near the carboxy terminus of human RTN4RL2. The immunogen is located within amino acids 330 - 380 of RTN4RL2. Amino Acid Squence: LYRDLPAEDSRGRQGGDA         Notes       Immunogen       Antibody was raised against an 18 amino acid peptide near the carboxy terminus of human RTN4RL2. The immunogen is located within amino acids 330 - 380 of RTN4RL2. Amino Acid Squence: LYRDLPAEDSRGRQGGDA                                                                                                                                                                                                     | Isotype                      | IgG                                                                               |
| Buffer50mM Sodium BorateProduct DescriptionHostRabbitGene ID349667Gene SymbolRTN4RL2SpeciesHumanReactivity Notes0Specificity/SensitivityThree alternatively spliced transcript variants have been observed. RTN4RL2<br>antibody is predicted to not cross-react with other Nogo receptor-like proteins.ImmunogenAntibody was raised against an 18 amino acid peptide near the carboxy terminus<br>of human RTN4RL2. The immunogen is located within amino acids 330 - 380 of<br>RTN4RL2. Amino Acid Squence: LYRDLPAEDSRGRQGGDA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Conjugate                    | DyLight 755                                                                       |
| Product DescriptionHostRabbitGene ID349667Gene SymbolRTN4RL2SpeciesHumanReactivity Notes0Specificity/SensitivityThree alternatively spliced transcript variants have been observed. RTN4RL2<br>antibody is predicted to not cross-react with other Nogo receptor-like proteins.ImmunogenAntibody was raised against an 18 amino acid peptide near the carboxy terminus<br>of human RTN4RL2. The immunogen is located within amino acids 330 - 380 of<br>RTN4RL2. Amino Acid Squence: LYRDLPAEDSRGRQGGDA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Purity                       | Peptide affinity purified                                                         |
| HostRabbitGene ID349667Gene SymbolRTN4RL2SpeciesHumanReactivity Notes0Specificity/SensitivityThree alternatively spliced transcript variants have been observed. RTN4RL2<br>antibody is predicted to not cross-react with other Nogo receptor-like proteins.ImmunogenAntibody was raised against an 18 amino acid peptide near the carboxy terminus<br>of human RTN4RL2. The immunogen is located within amino acids 330 - 380 of<br>RTN4RL2. Amino Acid Squence: LYRDLPAEDSRGRQGGDANotesImmunogen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Buffer                       | 50mM Sodium Borate                                                                |
| Gene ID349667Gene SymbolRTN4RL2SpeciesHumanReactivity Notes0Specificity/SensitivityThree alternatively spliced transcript variants have been observed. RTN4RL2<br>antibody is predicted to not cross-react with other Nogo receptor-like proteins.ImmunogenAntibody was raised against an 18 amino acid peptide near the carboxy terminus<br>of human RTN4RL2. The immunogen is located within amino acids 330 - 380 of<br>RTN4RL2. Amino Acid Squence: LYRDLPAEDSRGRQGGDANotes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Product Description          |                                                                                   |
| Gene SymbolRTN4RL2SpeciesHumanReactivity Notes0Specificity/SensitivityThree alternatively spliced transcript variants have been observed. RTN4RL2<br>antibody is predicted to not cross-react with other Nogo receptor-like proteins.ImmunogenAntibody was raised against an 18 amino acid peptide near the carboxy terminus<br>of human RTN4RL2. The immunogen is located within amino acids 330 - 380 of<br>RTN4RL2. Amino Acid Squence: LYRDLPAEDSRGRQGGDANotesImmunogen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Host                         | Rabbit                                                                            |
| SpeciesHumanReactivity Notes0Specificity/SensitivityThree alternatively spliced transcript variants have been observed. RTN4RL2<br>antibody is predicted to not cross-react with other Nogo receptor-like proteins.ImmunogenAntibody was raised against an 18 amino acid peptide near the carboxy terminus<br>of human RTN4RL2. The immunogen is located within amino acids 330 - 380 of<br>RTN4RL2. Amino Acid Squence: LYRDLPAEDSRGRQGGDANotesImmunogen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Gene ID                      | 349667                                                                            |
| Reactivity Notes0Specificity/SensitivityThree alternatively spliced transcript variants have been observed. RTN4RL2<br>antibody is predicted to not cross-react with other Nogo receptor-like proteins.ImmunogenAntibody was raised against an 18 amino acid peptide near the carboxy terminus<br>of human RTN4RL2. The immunogen is located within amino acids 330 - 380 of<br>RTN4RL2. Amino Acid Squence: LYRDLPAEDSRGRQGGDANotes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Gene Symbol                  | RTN4RL2                                                                           |
| Specificity/SensitivityThree alternatively spliced transcript variants have been observed. RTN4RL2<br>antibody is predicted to not cross-react with other Nogo receptor-like proteins.ImmunogenAntibody was raised against an 18 amino acid peptide near the carboxy terminus<br>of human RTN4RL2. The immunogen is located within amino acids 330 - 380 of<br>RTN4RL2. Amino Acid Squence: LYRDLPAEDSRGRQGGDANotes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Species                      | Human                                                                             |
| ImmunogenAntibody is predicted to not cross-react with other Nogo receptor-like proteins.ImmunogenAntibody was raised against an 18 amino acid peptide near the carboxy terminus<br>of human RTN4RL2. The immunogen is located within amino acids 330 - 380 of<br>RTN4RL2. Amino Acid Squence: LYRDLPAEDSRGRQGGDANotes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Reactivity Notes             | 0                                                                                 |
| of human RTN4RL2. The immunogen is located within amino acids 330 - 380 of RTN4RL2. Amino Acid Squence: LYRDLPAEDSRGRQGGDA Notes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Specificity/Sensitivity      |                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Immunogen                    | of human RTN4RL2. The immunogen is located within amino acids 330 - 380 of        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Notes                        | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. |
| Product Application Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Product Application Details  |                                                                                   |
| Applications Western Blot, ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Applications                 | Western Blot, ELISA                                                               |
| Recommended Dilutions Western Blot, ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Recommended Dilutions</b> | Western Blot, ELISA                                                               |
| Application NotesOptimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Application Notes            | Optimal dilution of this antibody should be experimentally determined.            |





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#### Products Related to NBP2-41200IR

| NBP2-24891IR | Rabbit IgG Isotype Control [DyLight 755]  |
|--------------|-------------------------------------------|
| 538-MG-100   | MAG/Siglec-4a                             |
| NBP2-13075   | beta Amyloid Antibody (MOAB-2) - BSA Free |
| NB100-56681  | Nogo Antibody                             |

#### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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