

# Product Datasheet

## ErbB2/Her2 Antibody (HRB2/258) [Janelia Fluor® 635] NBP2-34641JF635

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-34641JF635**

ErbB2/Her2 Antibody (HRB2/258) [Janelia Fluor® 635]

| Product Information |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| 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           | Monoclonal                                                                                  |
| Clone               | HRB2/258                                                                                    |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG2a Kappa                                                                                 |
| Conjugate           | Janelia Fluor 635                                                                           |
| Purity              | Protein A or G purified                                                                     |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene ID                 | 2064                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Symbol             | ERBB2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Species                 | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Specificity/Sensitivity | Recognizes a protein of 185kDa, which is identified as c-erbB-2/HER-2/neu. Its epitope is localized in the extracellular domain. C-erbB-2/HER-2 is a member of the EGFR family. This monoclonal antibody is specific and shows minimal cross-reaction with other members of the EGFR-family. Receptors of this family are located on the plasma membrane and consist of an extracellular ligand-binding domain that is connected to a large intracellular domain by a single transmembrane sequence. C-erbB-2/HER-2 protein is over-expressed in a variety of carcinomas especially those of breast and ovary. |
| Immunogen               | Recombinant extracellular domain of human ErbB2/Her2 protein (Uniprot: IDP04626)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Notes                   | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

| Product Application Details |                                                                             |
|-----------------------------|-----------------------------------------------------------------------------|
| Applications                | ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready |
| Recommended Dilutions       | Flow Cytometry, ELISA, Immunocytochemistry/ Immunofluorescence, CyTOF-ready |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.      |





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### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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