

# Product Datasheet

## ErbB2/Her2 Antibody (HRB2/258) [DyLight 594] NBP2-34641DL594

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-34641DL594**

ErbB2/Her2 Antibody (HRB2/258) [DyLight 594]

| 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                   | DyLight 594                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 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                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 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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### **Products Related to NBP2-34641DL594**

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|                   |                                                        |
|-------------------|--------------------------------------------------------|
| NBP1-96981DL594   | Mouse IgG2a Kappa Isotype Control (M2AK) [DyLight 594] |
| H00002064-P01-2ug | Recombinant Human ErbB2/Her2 GST (N-Term) Protein      |
| 236-EG-200        | EGF [Unconjugated]                                     |
| 1129-ER-050       | ErbB2/Her2 [Unconjugated]                              |

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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.

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