

# Product Datasheet

## ErbB2/Her2 Antibody (ERBB2/7158R) [CoraFluor™ 1] NBP3-24037CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NBP3-24037CL1**

ErbB2/Her2 Antibody (ERBB2/7158R) [CoraFluor™ 1]

| 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. Do not freeze.                                                     |
| Clonality           | Monoclonal                                                                                  |
| Clone               | ERBB2/7158R                                                                                 |
| Preservative        | No Preservative                                                                             |
| Isotype             | IgG Kappa                                                                                   |
| Conjugate           | CoraFluor 1                                                                                 |
| Purity              | Protein A or G purified                                                                     |
| Buffer              | PBS                                                                                         |

| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description             | CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. |
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene ID                 | 2064                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene Symbol             | ERBB2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Specificity/Sensitivity | This monoclonal antibody is specific and shows minimal cross-reaction with other members of the EGFR-family.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Immunogen               | Recombinant fragment (around aa1055-1255) of human ErbB2/Her2 (exact sequence is proprietary)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Notes                   | CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

| Product Application Details |                                                                        |
|-----------------------------|------------------------------------------------------------------------|
| Applications                | Immunohistochemistry-Paraffin                                          |
| Recommended Dilutions       | Immunohistochemistry-Paraffin                                          |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |





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### **Products Related to NBP3-24037CL1**

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|               |                                      |
|---------------|--------------------------------------|
| NBP2-29624PEP | ErbB2/Her2 Antibody Blocking Peptide |
| 236-EG-200    | EGF [Unconjugated]                   |
| 1129-ER-050   | ErbB2/Her2 [Unconjugated]            |
| DVE00         | VEGF [HRP]                           |

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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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