

# Product Datasheet

## EGFR Antibody (h-R3 (Nimotuzumab)) [CoraFluor™ 1] NBP2-75186CL1

Unit Size: 0.1 ml

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

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**NBP2-75186CL1**

EGFR Antibody (h-R3 (Nimotuzumab)) [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               | h-R3 (Nimotuzumab)                                                                          |
| Preservative        | No Preservative                                                                             |
| Isotype             | IgG1 Kappa                                                                                  |
| Conjugate           | CoraFluor 1                                                                                 |
| Purity              | Protein A 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                    | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene ID                 | 1956                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene Symbol             | EGFR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Specificity/Sensitivity | Binds to human EGFR domain III at a site distinct from antibody 7A7. (Talavera et al. 2011)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Immunogen               | This antibody was generated by humanisation of the murine antibody R3, raised against EGFR purified from placenta membranes and A431 tumors.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 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                | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Block/Neutralize |
| Recommended Dilutions       | Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Block/Neutralize |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                          |





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### **Products Related to NBP2-75186CL1**

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|               |                                  |
|---------------|----------------------------------|
| NBP1-84814PEP | EGFR Recombinant Protein Antigen |
| 236-EG-200    | EGF [Unconjugated]               |
| DYC1095B-2    | EGFR [Biotin]                    |
| 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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