

# Product Datasheet

## EGFR Antibody (Matuzumab) [DyLight 755] - Chimeric NBP2-52685IR

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-52685IR**

EGFR Antibody (Matuzumab) [DyLight 755] - Chimeric

| 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                       | Matuzumab                                                                                                                                                                                                                                                                 |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                        |
| Isotype                     | IgG Kappa                                                                                                                                                                                                                                                                 |
| Conjugate                   | DyLight 755                                                                                                                                                                                                                                                               |
| Purity                      | Protein A purified                                                                                                                                                                                                                                                        |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                        |
| Product Description         |                                                                                                                                                                                                                                                                           |
| Host                        | Rabbit                                                                                                                                                                                                                                                                    |
| Gene ID                     | 1956                                                                                                                                                                                                                                                                      |
| Gene Symbol                 | EGFR                                                                                                                                                                                                                                                                      |
| Species                     | Human                                                                                                                                                                                                                                                                     |
| Reactivity Notes            | Human                                                                                                                                                                                                                                                                     |
| Specificity/Sensitivity     | Binds to human EGFR.                                                                                                                                                                                                                                                      |
| Immunogen                   | The parental mouse antibody was generated by immunizing BALB/c mice intraperitoneally with A431 cells in phosphate buffered saline (PBS). Later on the humanized version of the antibody was created by grafting CDRs of the murine antibody onto human constant regions. |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                         |
| Product Application Details |                                                                                                                                                                                                                                                                           |
| Applications                | Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Block/Neutralize, CyTOF-ready                                                                                                                                                                |
| Recommended Dilutions       | Western Blot, Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence, CyTOF-ready, Block/Neutralize                                                                                                                                                                |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                    |





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### **Products Related to NBP2-52685IR**

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|               |                                  |
|---------------|----------------------------------|
| NBP1-84815PEP | 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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