

# Product Datasheet

## EGFR Antibody (DH8.3) [DyLight 350] - Mutant NBP2-50599UV

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-50599UV**

EGFR Antibody (DH8.3) [DyLight 350] - Mutant

| 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                       | DH8.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Isotype                     | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Conjugate                   | DyLight 350                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Purity                      | Protein G purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene ID                     | 1956                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Gene Symbol                 | EGFR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Specificity/Sensitivity     | Clone DH8.3 of EGF R/ErbB1 antibody is specific for Truncated EGFR which is also called EGFR type III, EGFRvIII or delta-EGFR (characterised by a deletion of 267 amino acids in the extracellular domain, leading to a receptor which is unable to bind ligand yet is constitutively active). Because of its impaired internalisation and degradation, EGFRvIII is known to enhance tumourigenesis. NOTE: Clone DH8.3 DOES NOT cross-react with full length or wildtype EGFR (wtEGFR). |
| Immunogen                   | Synthetic peptide corresponding to the junctional region of the truncated receptor LEEKKGNYVVDHC, conjugated to keyhole limpet haemocyanin.                                                                                                                                                                                                                                                                                                                                             |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                                                                                                                                                                       |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Applications                | Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunoprecipitation, CyTOF-ready                                                                                                                                                                                                                                                                                                                                                                                             |
| Recommended Dilutions       | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunoprecipitation, CyTOF-ready                                                                                                                                                                                                                                                                                                                                                                                             |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                                                                                  |





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### **Products Related to NBP2-50599UV**

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|               |                                                |
|---------------|------------------------------------------------|
| NBP1-97005UV  | Mouse IgG1 Isotype Control (MG1) [DyLight 350] |
| NBP1-84815PEP | EGFR Recombinant Protein Antigen               |
| 236-EG-200    | EGF [Unconjugated]                             |
| DYC1095B-2    | EGFR [Biotin]                                  |

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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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