

Product Datasheet

EGFR Antibody (DH8.3) [DyLight 550] - Mutant NBP2-50599R

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-50599R

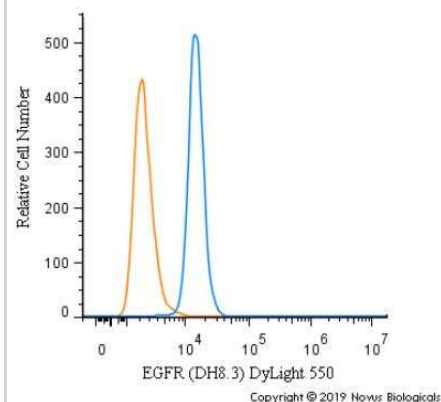
EGFR Antibody (DH8.3) [DyLight 550] - Mutant

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 550
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.



Images

Flow Cytometry: EGFR Antibody (DH8.3) [DyLight 550] [NBP2-50599R] - An intracellular stain was performed on A431 cells with EGFR [DH8.3] Antibody NBP2-50599R (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to DyLight 550.





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Products Related to NBP2-50599R

NBP1-97005R	Mouse IgG1 Isotype Control (MG1) [DyLight 550]
NBP2-52953PEP	EGFR Recombinant Protein Antigen
236-EG-200	EGF [Unconjugated]
DYC1095B-2	EGFR [Biotin]

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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