

Product Datasheet

EGFR Antibody (Matuzumab) - Azide and BSA Free NBP2-75911-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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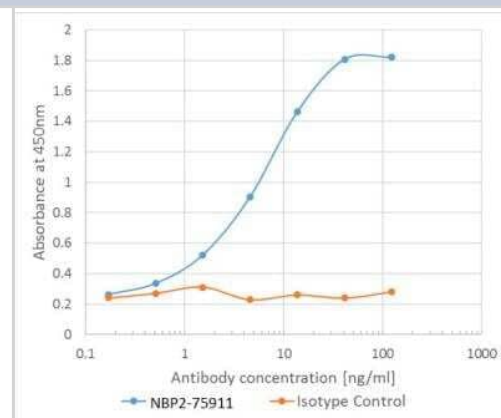
NBP2-75911-0.2mg

EGFR Antibody (Matuzumab) - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	Matuzumab
Preservative	0.02% Proclin 300
Isotype	IgG1 Kappa
Purity	Protein A purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Human EGFR Antibody (Matuzumab) - Azide and BSA Free (NBP2-75911) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Human
Gene ID	1956
Gene Symbol	EGFR
Species	Human
Specificity/Sensitivity	This antibody binds the extracellular domain III of the human EGFR and does not cross react with murine EGFR. It was also reported that residues S460/G461 in EGFR domain III are essential components of the epitope. This antibody binds at a site distinct from the EGF binding site, preventing conformational re-arrangement required for dimerization. This antibody can only recognize the active form of EGFR. The antibody binds to both glyco- and aglyco receptor forms.
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.
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Block/Neutralize
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Block/Neutralize

Images

ELISA: EGFR Antibody (Matuzumab) [NBP2-75911] - ELISA Plate coated with human EGFR-Fc at a concentration of 5 ug/ml. A 3-fold serial dilution from 100 to 0.1 ng/ml was performed using NBP2-75911. For detection, a 1:4000 dilution of HRP labelled anti-human kappa light chain antibody was used.





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Products Related to NBP2-75911-0.2mg

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
G-102-C	Goat anti-Human IgG Secondary Antibody [Unconjugated]
NB7446	Goat anti-Human IgG Fc Secondary Antibody
NBP3-06872-0.1mg	Human IgG1 Kappa Isotype Control

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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