

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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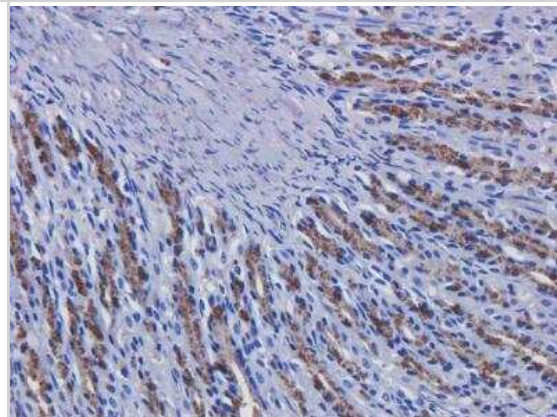
NBP2-75911-0.2mg

EGFR Antibody (Matuzumab) - Azide and BSA Free

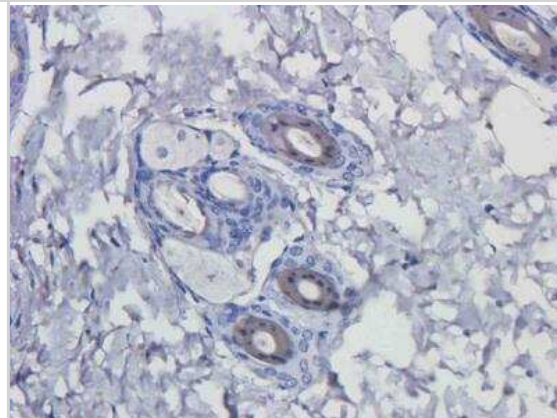
Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	Matuzumab
Preservative	0.02% Proclin 300
Isotype	IgG1 Kappa
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Human
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

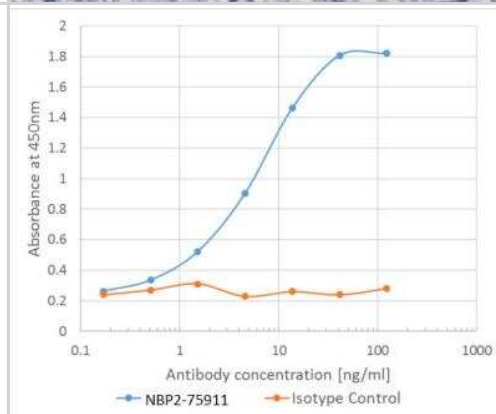
Immunohistochemistry: EGFR Antibody (Matuzumab) [NBP2-75911] - Anti-EGFR staining of formaldehyde fixed paraffin embedded rat stomach tissue, at 40x magnification. The human IgG1-chimeric version of Matuzumab (NBP2-75911) was used to stain samples at a concentration of 5 ug/ml.



Immunohistochemistry: EGFR Antibody (Matuzumab) [NBP2-75911] - Anti-EGFR staining of formaldehyde fixed paraffin embedded mouse skin tissue, at 40x magnification. The human IgG1-chimeric version of Matuzumab (NBP2-75911) was used to stain samples at a concentration of 5 ug/ml.



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

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
NBP2-52952PEP	EGFR Recombinant Protein Antigen

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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