

EGFR recombinant antibody

Anti-EGFR [Matuzumab]

CATALOG # AAA71958	REACTIVITY Human	APPLICATIONS Western Blot, Flow Cytometry, Functional Assay
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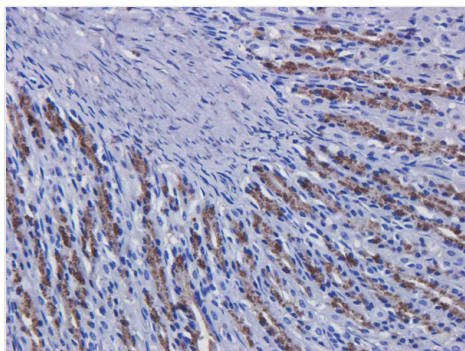
PRODUCT SYNONYMS

EGFR; Anti-EGFR [Matuzumab]; Epidermal Growth Factor Receptor; mAb425; EGFR recombinant antibody

PRODUCT SPECIFICATIONS

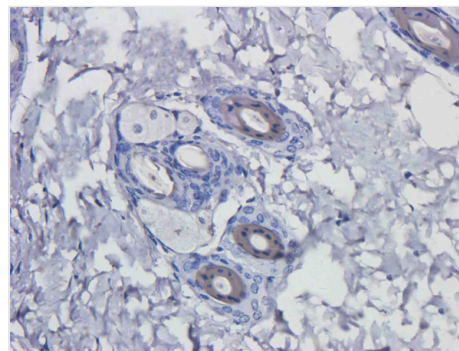
Reactivity	Human
Isotype	Human IgG1, kappa
Specificity	Binds to human EGFR.
Purity/Purification	Protein A Affinity Purified
Sequence Length	10
Applicable Applications for EGFR recombinant antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), Blocking
Buffer Composition	PBS only with 0.02% Proclin 300.
Immunogen	Domain III of the extracellular domain of human EGRF.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



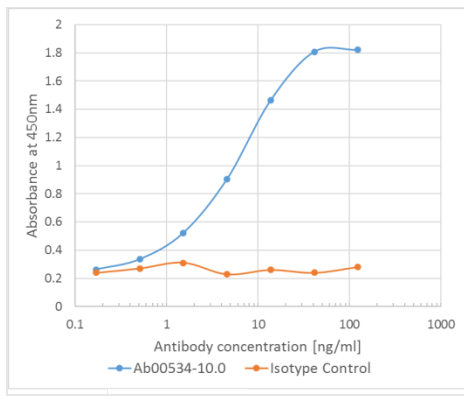
IHC (Immunohistochemistry)

Immunohistochemical staining of rat stomach tissue using anti-EGFR antibody Matuzumab. Anti-EGFR staining of formaldehyde fixed paraffin embedded rat stomach tissue, at 40x magnification. The human IgG1-chimeric version of Matuzumab was used to stain samples at a concentration of 5 ug/ml.



IHC (Immunohistochemistry)

Immunohistochemical staining of mouse skin tissue using anti-EGFR antibody Matuzumab. Anti-EGFR staining of formaldehyde fixed paraffin embedded mouse skin tissue, at 40x magnification. The human IgG1-chimeric version of Matuzumab was used to stain samples at a concentration of 5 ug/ml.



ELISA

Binding curve of anti-EGFR antibody Matuzumab to EGFR-Fc fusion protein ELISA Plate coated with human EGFR-Fc (Pr00117-10.9) at a concentration of 5 ug/ml. A 3-fold serial dilution from 100 to 0.1 ng/ml was performed using a 1:4000 dilution of HRP labelled anti-human kappa light chain antibody was used.

ADDITIONAL INFORMATION

Related Product Information for EGFR recombinant antibody	Recombinant monoclonal antibody to EGFR. Manufactured using a Recombinant Platform with variable regions (i.e. specificity) from the therapeutic antibody Matuzumab.
Product Categories/Family for EGFR recombinant antibody	Biosimilar; Cancer
References	Murthy et al. Binding of an antagonistic monoclonal antibody to an intact and fragmented EGF-receptor polypeptide. Arch Biochem Biophys. 1987 Feb 1; 252(2):549-60. PMID:2434025

NCBI AND UNIPROT INFORMATION

NCBI GI #	8815559
NCBI Official Full Name	epidermal growth factor receptor, partial

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-recombinant-antibody/egfr/71958>