Rabbit anti-Human, Mouse EGFR Monoclonal Antibody | anti-EGFR antibody

Anti-EGFR Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265612	**Rabbit**	**Human, Mouse**	**Immunoprecipitation, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

EGFR; Monoclonal Antibody; Anti-EGFR Antibody; anti-EGFR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of EGFR protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 50mM Tris-Glycine (pH7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.
Applicable Applications for anti-EGFR antibody	IP (Immunoprecipitation), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide of human EGFR
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of EGFR staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.



WB (Western Blot)
Western blot analysis of EGFR expression in Hela (A), mouse liver (B) whole cell lysates. (Predicted band size: 134 kD; Observed band size: 175 kD

ADDITIONAL INFORMATION

Related Product Information for anti-EGFR antibody	Rabbit monoclonal antibody to EGFR
Product Categories/Family for anti-EGFR antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	29725609
NCBI GeneID	1956

NCBI Accession #	NP_005219.2
NCBI GenBank Nucleotide #	NM_005228.3
UniProt Accession #	P00533; Q01279
Molecular Weight	134,277 Da
NCBI Official Full Name	epidermal growth factor receptor isoform a
NCBI Official Synonym Full Names	epidermal growth factor receptor
NCBI Official Symbol	EGFR
NCBI Official Synonym Symbols	ERBB; HER1; mENA; ERBB1; PIG61
NCBI Protein Information	epidermal growth factor receptor; proto-oncogene c-ErbB-1; cell growth inhibiting protein 40; cell proliferation-inducing protein 61; receptor tyrosine-protein kinase erbB-1; avian erythroblastic leukemia viral (v-erb-b) oncogene homolog
UniProt Protein Name	Epidermal growth factor receptor
UniProt Gene Name	**EGFR**
UniProt Synonym Gene Names	ERBB; ERBB1; HER1
UniProt Entry Name	EGFR_HUMAN

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/monoclonal/egfr-antibody-immunoprecipitation-immunochemistry-immunofluorescence-western-blot-elisa/265612