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

Anti-EGFR antibody (DM129), Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA47451	**Rabbit**	**Human**	**Flow Cytometry, Functional Assay, ELISA**

PRODUCT SYNONYMS

EGFR; Monoclonal Antibody; Anti-EGFR antibody (DM129); Rabbit mAb; ERBB; ERBB1; HER1; PIG61; mENA; anti-EGFR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	DM129
Purity/Purification	Purified from cell culture supernatant by affinity chromatography
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose is added as protectants before lyophilization. 0.1% Procline 300
Applicable Applications for anti-EGFR antibody	FCM/FACS (Flow Cytometry), ELISA
Immunogen	Recombinant human EGFR(Leu25-Ser645) produced by using human HEK293 cells
Reconstitution	Reconstitute with deionized water
Preparation and Storage	Store at -20 degree C for 12 months (Avoid repeated freezing and thawing)

IMAGES

FCM/FACS (Flow Cytometry)
Figure 1. ELISA plate pre-coated by 1 ug/ml (100 ul/well) Human EGFR protein, His tagged protein PME100099 can bind Rabbit anti-EGFR monoclonal antibody (clone: DM129) in a linear range of 0. 1-18 ng/ml.

ELISA
Figure 1. ELISA plate pre-coated by 1 ug/ml (100 ul/well) Human EGFR protein, His tagged protein PME100099 can bind Rabbit anti-EGFR monoclonal antibody (clone: DM129) in a linear range of 0. 1-18 ng/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-EGFR antibody	The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29725609

NCBI GeneID	1956
NCBI Accession #	NP_005219.2
NCBI GenBank Nucleotide #	NM_005228.3
UniProt Accession #	P00533; O00688; O00732; P06268; Q14225; Q68GS5; Q92795; Q9BZS2; Q9GZX1; Q9H2C9; Q9H3C9; Q9UMD7
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-clone-dm129-flow-cytometry-elisa/47451