

Mouse anti-Human Epidermal Growth Factor Receptor (EGFR) Monoclonal Antibody | anti-EGFR antibody

Monoclonal Antibody to Epidermal Growth Factor Receptor (EGFR)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA151620	Mouse	Human	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

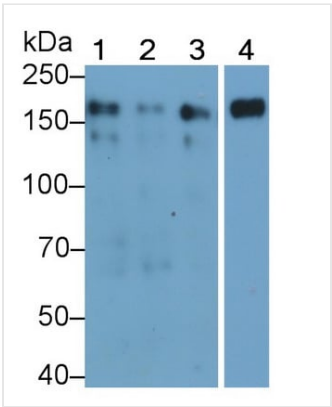
PRODUCT SYNONYMS

Epidermal Growth Factor Receptor (EGFR); Monoclonal Antibody; Monoclonal Antibody to Epidermal Growth Factor Receptor (EGFR); EGFR/Epidermal Growth Factor Receptor; ErbB1; ER1; ERBB1; MENA; HER1; Erythroblastic Leukemia Viral(vErbB)oncogene Homolog; Avian; Protooncogene cErbB1; Receptor tyrosineprotein kinase erbB1; anti-EGFR antibody

PRODUCT SPECIFICATIONS

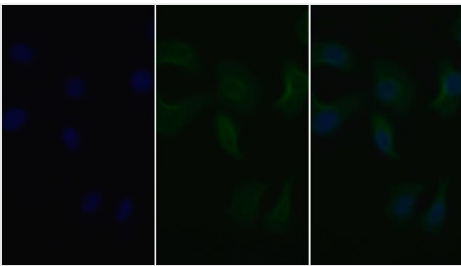
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a Kappa
Clone Number	C19
Specificity	The antibody is a mouse monoclonal antibody raised against EGFR. It has been selected for its ability to recognize EGFR in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-EGFR antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	Lys713~Asp984
Conjugation	Unconjugated
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



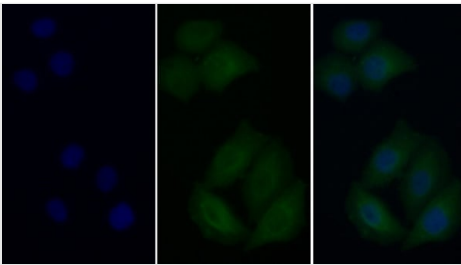
WB (Western Blot)

Western Blot; Sample: Lane1: Hela cell lysate; Lane2: MCF7 cell lysate; Lane3: A431 cell lysate; Lane4: Human Placenta lysate Primary Ab: 0.04ug/ml Mouse AntiHuman EGFR Antibody Second Ab: 0.2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



IF (Immunofluorescence)

FITC staining on IF; Samples: Human Hela cell; Primary Ab: 20ug/ml Mouse AntiHuman EGFR Antibody Second Ab: 5ug/ml FITCLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu18)



IF (Immunofluorescence)

FITC staining on IF; Samples: Human MCF7 cell; Primary Ab: 20ug/ml Mouse AntiHuman EGFR Antibody Second Ab: 1ug/ml FITCLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu18)

ADDITIONAL INFORMATION

Product Categories/Family for anti-EGFR antibody	CD & Adhesion molecule; Tumor immunity; Primary
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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/epidermal-growth-factor-receptor-egfr-antibody-clone-c19-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/151620>