

Mouse EGF Monoclonal Antibody | anti-EGF antibody

EGF antibody

CATALOG # AAA74759	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

EGF; Monoclonal Antibody; EGF antibody; Monoclonal EGF; Anti-EGF; erbb1; epidermal growth factor receptor; v-erb-b homolog; Epidermal Growth FactorEgf receptor; panitumumab; egf-r; egfr; anti-EGF antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	9D7F11
Form/Format	Supplied as a liquid in ascitic fluid containing 0.03% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	89
Applicable Applications for anti-EGF antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Biological Significance	Epidermal growth factor or EGF is a growth factor that plays an important role in the regulation of cell growth, proliferation, and differentiation by binding to its receptor EGFR. Human EGF is a 6045-Da protein with 53 amino acid residues and three intramolecular disulfide bonds.
Cross-Reactivity	Human
Immunogen	EGF antibody was raised in Mouse using a purified recombinant fragment of human EGF expressed in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast cancer, Lung breast tissues using EGF antibody



WB (Western Blot)

Western Blot showing EGF antibody used against EGF-hlgFc transfected HEK293 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-EGF antibody	Mouse monoclonal EGF antibody
Product Categories/Family for anti-EGF antibody	Cytokines & Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	688072
Molecular Weight	9,879 Da
NCBI Official Full Name	epidermal growth factor, partial
UniProt Protein Name	Epidermal growth factor
UniProt Gene Name	epidermal growth factor/ EGF
UniProt Entry Name	Q28867_HORSE

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/egf-antibody-clone-9d7f11-western-blot-immunohistochemistry-elisa/74759>