

Mouse EGF Monoclonal Antibody | anti-EGF antibody

mAb anti-Human EGF

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA77916	Mouse	Human. Other species not tested Does not cross react with other human cytokines tested such as IL-1beta, IL-8, MCAF, TGF-beta and SAA.	ELISA

PRODUCT SYNONYMS

EGF; Monoclonal Antibody; mAb anti-Human EGF; Epidermal Growth Factor (EGF); Mouse monoclonal antibody to human epidermal growth factor (EGF); anti-EGF antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human. Other species not tested Does not cross react with other human cytokines tested such as IL-1beta, IL-8, MCAF, TGF-beta and SAA.
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	S-147
Specificity	Reactive with natural and recombinant human Epidermal Growth Factor (EGF).
Purity/Purification	Protein G affinity purified
Form/Format	Lyophilized from a solution in 0.01M PBS, pH 7.2
Sequence Length	89
Applicable Applications for anti-EGF antibody	ELISA
Target Protein	Human EGF
Immunogen	Purified recombinant human EGF, 6kDa, 53 amino acid residues
Fusion Myeloma	Sp2/0-Ag14
Light Chain	Kappa
Reconstitution	Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.
Research Area	Growth Factor and Cytokine
Preparation and Storage	Store at -20°C

ADDITIONAL INFORMATION

Related Product Information for anti-EGF antibody	Mouse monoclonal antibody to human epidermal growth factor (EGF) Epidermal growth factor (EGF), along with its receptor EGFR, plays an important role in cell proliferation, differentiation and survival. The binding of EGF to EGFR triggers the intrinsic tyrosine kinase activity of EGFR, activates signalling molecules and stimulates the synthesis of proteins and DNAs. EGF is crucial for maintaining mucosal lining in gastrointestinal duct and for healing of oral and gastroesophageal ulcers. EGF signalling is needed for cancer growth. Monoclonal antibodies that block EGFR have been applied for lung cancer and colon cancer treatment
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NCBI AND UNIPROT INFORMATION

NCBI GI #	688072
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-s-147-elisa/77916>