

Mouse EGF Monoclonal Antibody | anti-EGF antibody

HRP conjugated mAb anti-Human EGF

CATALOG #	HOST	REACTIVITY
AAA77941	Mouse	Human. Other species not testedDoes not cross react with other human cytokines tested such as IL-1beta, IL-8, MCAF and TGF-beta.

PRODUCT SYNONYMS

EGF; Monoclonal Antibody; HRP conjugated mAb anti-Human EGF; Epidermal Growth Factor (EGF) (*HRP Labeled); Horseradish peroxidase (HRP) conjugated 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 and TGF-beta.
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	S-146
Specificity	Reactive with natural and recombinant human Epidermal Growth Factor (EGF) (*HRP Labeled)
Purity/Purification	Protein G affinity purified
Form/Format	0.01M PBS, pH 7.2, containing 50% glycerol
Sequence Length	89
Target Protein	Human EGF
Immunogen	Purified recombinant human EGF, 6kDa, 53 amino acid residues
Myeloma	Sp2/0-Ag14
Light Chain	Kappa
Research Area	Growth Factor and Cytokine
Intended Uses	Tracer*
Preparation and Storage	Store at -20 degree C

ADDITIONAL INFORMATION

Related Product Information for anti-EGF antibody	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.
Product Categories/Family for anti-EGF antibody	Tracer antibody in matched antibody pair; HRP conjugated; Matched Antibody Pairs to Human Cytokines and Growth Factors

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-146-elisa/77941>