

Mouse anti-Human EGF Antibody | anti-EGF antibody

EGF Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108708	Mouse	Human	ELISA, Immunofluorescence, Western Blot

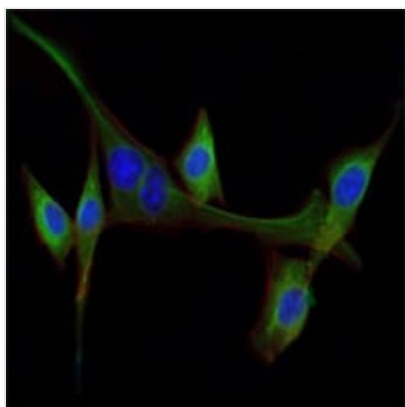
PRODUCT SYNONYMS

EGF; EGF Antibody; URG; HOMG4; anti-EGF antibody

PRODUCT SPECIFICATIONS

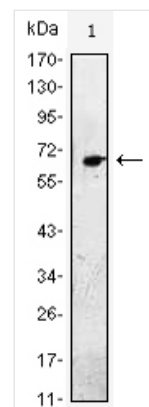
Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	4E11
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	1166
Applicable Applications for anti-EGF antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant fragment of human EGF expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

IMAGES



IF (Immunofluorescence)

Figure 2: Immunofluorescence analysis of NIH/3T3 cells using EGF mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



WB (Western Blot)

Figure 1: Western blot analysis using EGF mAb against EGF-hIgGfc transfected HEK293 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-EGF antibody

Epidermal growth factor has a profound effect on the differentiation of specific cells in vivo and is a potent mitogenic factor for a variety of cultured cells of both ectodermal and mesodermal origin. The EGF precursor is believed to exist as a membrane-bound molecule which is proteolytically cleaved to generate the 53-amino acid peptide hormone that stimulates cells to divide.

Product Categories/Family for anti-EGF antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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NCBI AND UNIPROT INFORMATION

NCBI GI #	296011013
NCBI GeneID	1950
NCBI Accession #	NP_001171601.1
NCBI GenBank Nucleotide #	NM_001178130.2
UniProt Accession #	P01133; Q52LZ6; B4DRK7; E7EVD2; E9PBF0
Molecular Weight	134kDa
NCBI Official Full Name	pro-epidermal growth factor isoform 2
NCBI Official Synonym Full Names	epidermal growth factor
NCBI Official Symbol	EGF
NCBI Official Synonym Symbols	URG; HOMG4
NCBI Protein Information	pro-epidermal growth factor
UniProt Protein Name	Pro-epidermal growth factor
UniProt Gene Name	EGF
UniProt Synonym Gene Names	EGF

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/mouse-human-antibody/egf/108708>