

Mouse anti-Human, Pig Epidermal Growth Factor (EGF) Monoclonal Antibody | anti-EGF antibody

Monoclonal Antibody to Epidermal Growth Factor (EGF)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA149529	Mouse	Human, Pig	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

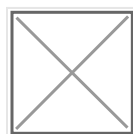
PRODUCT SYNONYMS

Epidermal Growth Factor (EGF); Monoclonal Antibody; Monoclonal Antibody to Epidermal Growth Factor (EGF); URG; Beta-Urogastrone; Pro-epidermal growth factor; anti-EGF antibody

PRODUCT SPECIFICATIONS

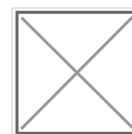
Host	Mouse
Reactivity	Human, Pig
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	D2
Specificity	The antibody is a mouse monoclonal antibody raised against EGF. It has been selected for its ability to recognize EGF in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G Affinity Chromatography
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence	Ala609~Gly 751
Applicable Applications for anti-EGF antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Sequence	Ala609~Gly751
Cross Reactivity	Human
Conjugation	None
Preparation and Storage	Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 12 months. Avoid repeated freeze/thaw cycles. 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



IHC (Immunohistochemistry)

DAB staining on IHC-P; Samples: Human Kidney Tissue; Primary Ab: 20ug/ml Mouse Anti-Human EGF Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)

Western Blot; Sample: Lane1: Human Urine; Lane2: Human HepG2 cell lysate; Primary Ab: 2ug/ml Mouse Anti-Human EGF Antibody Second Ab: 0.2ug/ml HRP-Linked Rabbit Anti-Mouse IgG Polyclonal Antibody



WB (Western Blot)

Western Blot; Sample: Recombinant EGF, Human.

ADDITIONAL INFORMATION

Product Categories/Family for anti-EGF antibody	Cytokine; Tumor Immunity; Infection Immunity
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NCBI AND UNIPROT INFORMATION

NCBI GI #	251757262
NCBI GeneID	1950
UniProt Accession #	P01133; Q52LZ6; B4DRK7; E7EVD2; E9PBF0
Molecular Weight	1207
NCBI Official Full Name	Pro-epidermal growth factor
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; beta-urogastrone
UniProt Protein Name	Pro-epidermal growth factor
UniProt Gene Name	EGF
UniProt Synonym Gene Names	EGF
UniProt Entry Name	EGF_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/epidermal-growth-factor-egf-antibody-clone-d2-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/149529>