Mouse anti-Rat Epidermal Growth Factor (EGF) Monoclonal Antibody | anti-EGF antibody

Monoclonal Antibody to Epidermal Growth Factor (EGF)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA151562	**Mouse**	**Rat**	**Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Epidermal Growth Factor (EGF); Monoclonal Antibody; Monoclonal Antibody to Epidermal Growth Factor (EGF); EGF/Epidermal Growth Factor; URG; BetaUrogastrone; Proepidermal growth factor; anti-EGF antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Rat
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	C9
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% Proclin300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-EGF antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	Asn974~Arg1026
Conjugation	Unconjugated
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months 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 (Immunohiostchemistry)
DAB staining on IHCP;Sample: Rat Stomach Tissue; Primary Ab: 20ug/ml Mouse AntiRat EGF AntibodySecond Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody(Catalog: SAA544Mu19



IHC (Immunohistochemistry)
DAB staining on IHCP; Sample: Rat Spinal cord Tissue; Primary Ab: 20ug/ml Mouse AntiRat EGF Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19

ADDITIONAL INFORMATION

Product Categories/Family for anti-EGF antibody	Cytokine; Tumor immunity; Infection immunity; Primary

NCBI AND UNIPROT INFORMATION

NCBI GI #	6978797
NCBI GeneID	25313
NCBI Accession #	NP_036974.1
NCBI GenBank Nucleotide #	NM_012842.1
UniProt Accession #	P07522; Q63183
Molecular Weight	124,126 Da
NCBI Official Full Name	pro-epidermal growth factor
NCBI Official Synonym Full Names	epidermal growth factor
NCBI Official Symbol	Egf
NCBI Protein Information	pro-epidermal growth factor
UniProt Protein Name	Pro-epidermal growth factor
UniProt Gene Name	**Egf**
UniProt Synonym Gene Names	EGF
UniProt Entry Name	EGF_RAT

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-c9-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/151562