

Mouse anti-Human Erythropoietin (EPO) Monoclonal Antibody | anti-EPO antibody

Monoclonal Antibody to Erythropoietin (EPO)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA151435	Mouse	Human	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

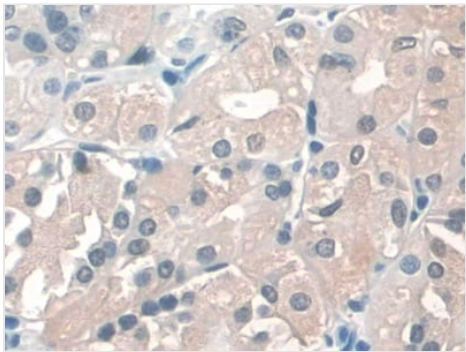
PRODUCT SYNONYMS

Erythropoietin (EPO); Monoclonal Antibody; Monoclonal Antibody to Erythropoietin (EPO); EPO/Erythropoietin; EP; Epoetin; Erythropoetin; Hematopoietin; Hemopoietin; anti-EPO antibody

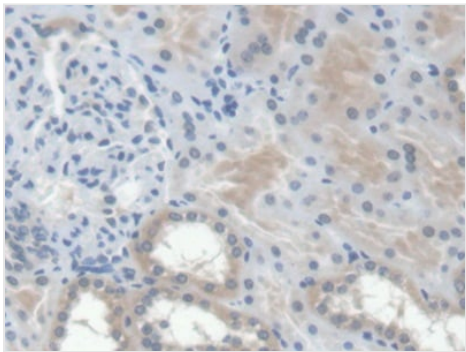
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C5
Specificity	The antibody is a mouse monoclonal antibody raised against EPO. It has been selected for its ability to recognize EPO 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-EPO antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	Ala28~Arg193
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.

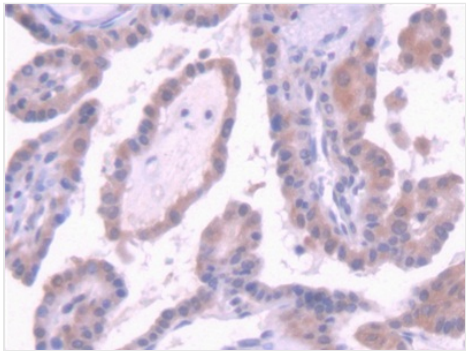
IMAGES



IHC (Immunohistochemistry)
DAB staining on IHCP; Sample: Human Stomach Tissue; Primary Ab: 30ug/ml Mouse AntiHuman EPO Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



IHC (Immunohistochemistry)
DAB staining on IHCP; Sample: Human Kidney Tissue; Primary Ab: 30ug/ml Mouse AntiHuman EPO Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



IHC (Immunohistochemistry)
DAB staining on IHCP; Sample: Human Thyroid cancer Tissue; Primary Ab: 30ug/ml Mouse AntiHuman EPO Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

ADDITIONAL INFORMATION

Product Categories/Family for anti-EPO antibody	Cytokine; Endocrinology; Hematology; Hormone metabolism; Primary
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62240997
NCBI GeneID	2056
NCBI Accession #	NP_000790.2
NCBI GenBank Nucleotide #	NM_000799.2
UniProt Accession #	P01588; Q2M2L6; Q549U2; Q9UDZ0; Q9UEZ5; Q9UHA0
Molecular Weight	21,307 Da
NCBI Official Full Name	erythropoietin
NCBI Official Synonym Full Names	erythropoietin
NCBI Official Symbol	EPO
NCBI Official Synonym Symbols	EP; MVCD2
NCBI Protein Information	erythropoietin; epoetin
UniProt Protein Name	Erythropoietin

UniProt Gene Name	EPO
UniProt Entry Name	EPO_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/erythropoietin-epo-antibody-clone-c5-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/151435>