

Mouse anti-Human EPO Monoclonal Antibody | anti-EPO antibody

EPO antibody (HRP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA74338	Mouse	Human	Western Blot, ELISA

PRODUCT SYNONYMS

EPO; Monoclonal Antibody; EPO antibody (HRP); Monoclonal EPO; Anti-EPO; EPO-a; Erythropoietin; Epoetin; EP; MGC138142; EPO-alpha; Erythropoietin-alpha; anti-EPO antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	Epo1
Specificity	Human
Purity/Purification	EPO antibody (HRP) was purified by chromatography on protein G Sepharose.
Form/Format	Protein G purified and supplied in PBS, pH 7.4, with 0.02 % Thimerosal, 10mg/ml BSA and 50% glycerol.
Concentration	8.0mg/ml (varies by lot)
Sequence Length	193
Applicable Applications for anti-EPO antibody	WB (Western Blot), ELISA
Biological Significance	Erythropoietin is a glycoprotein hormone that controls erythropoiesis, or red blood cell production. It is a cytokine for erythrocyte (red blood cell) precursors in the bone marrow. Erythropoietin is produced by the peritubular capillary endothelial cells in the kidney and liver, it is the hormone that regulates red blood cell production.
Biohazard Information	This product is sold as an antibody preparation for research use only. Standard Laboratory Practices should be followed when handling this material. This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Tag/Conjugate	HRP
Immunogen	EPO antibody (HRP) was raised in mouse using human EPO as the immunogen.
Additional Remarks	Recommended pair for Sandwich ELISA: Epo2-Epo-1 (Capture-Conjugate)
Preparation and Storage	Store at -20 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-EPO antibody	Mouse monoclonal EPO antibody (HRP)
Product Categories/Family for anti-EPO antibody	Hormones & Steroids ; Conjugated Monoclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	312304
NCBI GeneID	2056
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/monoclonal/epo-antibody-clone-epo1-western-blot-elisa/74338>