

ARG10022
anti-EPO antibody [85]Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [85] recognizes EPO
Tested Reactivity	Hu
Tested Application	ELISA, WB
Specificity	Does not cross react with other human cytokines tested such as IL-8, IL-16, IL-7, MCP-1, TNF-β, GM-CSF, M-CSF, IL-1β, bFGF, and human serum albumin or bovine serum albumin.
Host	Mouse
Clonality	Monoclonal
Clone	85
Isotype	IgG1, kappa
Target Name	EPO
Antigen Species	Human
Immunogen	Purified CHO cell-expressed recombinant human EPO
Conjugation	Un-conjugated
Alternate Names	MVCD2; EP; Epoetin; Erythropoietin

Application Instructions

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Calculated Mw	21 kDa

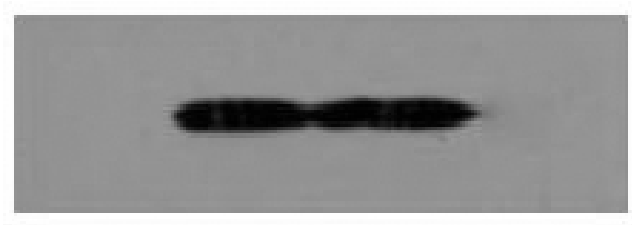
Properties

Form	Liquid
Purification	Protein G affinity purified
Buffer	0.01M PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 2056 Human Swiss-port # P01588 Human
Gene Symbol	EPO
Gene Full Name	erythropoietin
Background	This gene is a member of the EPO/TPO family and encodes a secreted, glycosylated cytokine composed of four alpha helical bundles. The protein is found in the plasma and regulates red cell production by promoting erythroid differentiation and initiating hemoglobin synthesis. This protein also has neuroprotective activity against a variety of potential brain injuries and antiapoptotic functions in several tissue types. [provided by RefSeq, Jul 2008]
Function	Erythropoietin is the principal hormone involved in the regulation of erythrocyte differentiation and the maintenance of a physiological level of circulating erythrocyte mass. [UniProt]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Developmental Biology antibody; Metabolism antibody; Signaling Transduction antibody

Images



ARG10022 anti-EPO antibody [85] WB image

Western Blot: EPO antigen (100 ng/well) stained with anti-EPO antibody [85] (ARG10022) at 1ug/mL or 1:1000