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[Primary Antibody]

Recombinant Rabbit Anti-EPO Monoclonal Antibody

Catalog Number: SLA0700M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
GeneID:	2056
SWISS:	P01588
Target:	EPO
Immunogen:	KLH conjugated synthetic peptide derived from human Erythropoietin
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-1000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Predicted MW.:	21 kDa
Subcellular Location:	Secreted
Background:	Human erythropoietin is member of the EPO/TPO family and encodes a secreted, glycosylated cytokine hormone 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. It is produced by kidney or liver of adult mammals and by liver of fetal or neonatal mammals.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.