

Product Name: EPO Mouse Monoclonal Antibody
Catalog #: AMM85935



Summary

Production Name	EPO Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgM
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	EPO
Alternative Names	Erythropoietin, Epoetin, EPO
Gene ID	2056.0
SwissProt ID	P01588. Purified His-tagged EPO protein(Fragment) was used to produced this monoclonal antibody.

Application

Dilution Ratio	WB:1:1000-1:16000
Molecular Weight	21.3kDa

Background

This gene is a member of the EPO/TPO family and encodes a

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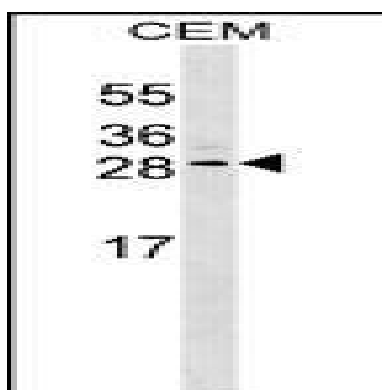


secreted, glycosylated cytokine composed of four alpha helical bundles. The protein is found in the plasma and regulates red cell production by promoting erythroid differentiation and initiating hemoglobin synthesis. This protein also has neuroprotective activity against a variety of potential brain injuries and antiapoptotic functions in several tissue types. [provided by RefSeq].

Research Area

PI3K-Akt signaling pathway

Image Data



EPO Antibody (Cat. #AMM85935) western blot analysis in CEM cell line lysates (35µg/lane). This demonstrates the EPO antibody detected the EPO protein (arrow).

Note

For research use only.