

Product datasheet for **AM06504SU-N**

EPO Mouse Monoclonal Antibody [Clone ID: 4F11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	4F11
Applications:	ELISA, IF, WB
Recommended Dilution:	ELISA: 1/10000. Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of Human EPO expressed in E. Coli.
Specificity:	Recognizes Erythropoietin (EPO).
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	21 kDa
Gene Name:	erythropoietin
Database Link:	Entrez Gene 2056 Human P01588



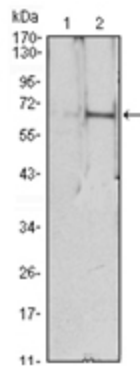
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Background:

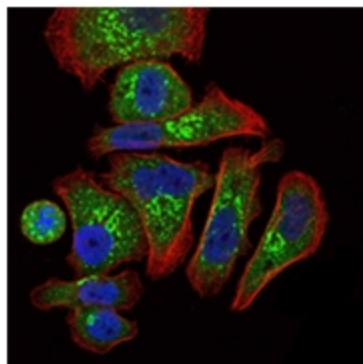
Human erythropoietin is member of the EPO/TPO family and encodes a secreted, glycosylated cytokine hormone composed of four alpha helical bundles. The protein is found in the plasma and regulates red cell production by promoting erythroid differentiation and initiating hemoglobin synthesis. This protein 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. Tissue specificity: Produced by kidney or liver of adult mammals and by liver of fetal or neonatal mammals.

Synonyms:

Epoetin

Product images:


Western blot analysis using EPO antibody Cat.-No AM06504SU-N against HEK293 (1) and EPO (AA: 28-193)-hIgGfc transfected HEK293 (2) cell lysate.



Immunofluorescence analysis of GC7901 cells using EPO antibody Cat.-No AM06504SU-N (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.