

产品名称: EPO Mouse Monoclonal Antibody
产品货号: AMM80886



产品概述 (Summary)

产品名称 (Production Name)	EPO Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB, ICC, ELISA
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	EPO
别名 (Alternative Names)	EP; MVCD2; MGC138142; EPO
基因 ID (Gene ID)	2056.0
蛋白 ID (SwissProt ID)	P01588. Purified recombinant fragment of human EPO expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC 1:200-1:1000, ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	21kDa

研究背景 (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

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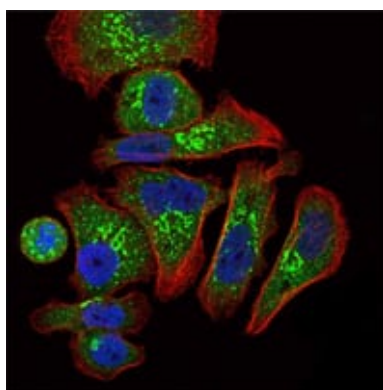


erythroid differentiation and initiating hemoglobin synthesis. This protein also has neuroprotective activity against a variety of potential brain injuries and antiapoptotic functions in several tissue types. It is produced by kidney or liver of adult mammals and by liver of fetal or neonatal mammals. Tissue specificity: Produced by kidney or liver of adult mammals and by liver of fetal or neonatal mammals.

研究领域 (Research Area)

PI3K-Akt signaling pathway

图片 (Image Data)



Immunofluorescence analysis of GC7901 cells using EPO mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

注意事项 (Note)

For research use only .