

## Mouse Monoclonal Antibody to EPO

<b>Catalogue Number</b>	sAP-0446
<b>Target Molecule</b>	<p><b>Name:</b> EPO</p> <p><b>Aliases:</b> EP; MVCD2; MGC138142; EPO</p> <p><b>MW:</b> 21kDa</p> <p><b>Entrez Gene ID:</b> 2056</p>
<b>Description</b>	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.
<b>Immunogen</b>	Purified recombinant fragment of human EPO expressed in E. Coli.
<b>Recombinant Species</b>	Human
<b>Clone</b>	MM4F11;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. J Negat Results Biomed. 2008 Nov 13;7:9. ; 2. J Biol Chem. 2009 Feb 13;284(7):4567-81.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**