

## Product datasheet for **BM802**

### EPO Mouse Monoclonal Antibody [Clone ID: BGN/6C2]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	BGN/6C2
Applications:	ELISA
Recommended Dilution:	<b>ELISA</b> (1/3,500,000-1/14,000,000).
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant EPO
Specificity:	Reacts with an antigenic determinant in native and recombinant Human EPO. Does not react with other Human serum proteins.
Formulation:	PBS, containing 0.09% Sodium Azide as preservative State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
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.
Gene Name:	erythropoietin
Database Link:	<a href="#">Entrez Gene 2056 Human P01588</a>



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<b>Background:</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.
<b>Synonyms:</b>	Epoetin