

Erythropoietin/EPO Monoclonal Antibody(Capture)

catalog number: AN002560P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

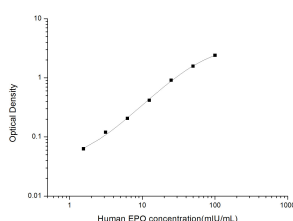
Reactivity	Human
Immunogen	Recombinant Human Erythropoietin/EPO protein expressed by Mammalian
Host	Rat
Isotype	Rat IgG1
Clone	10G4
Purification	Protein A/G Purification
Conjugation	Unconjugated
buffer	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

Applications

Recommended Dilution

ELISA Capture	2-8 µg/mL
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Data



Sandwich ELISA-Recombinant Human Erythropoietin/EPO protein standard curve. Background subtracted standard curve using Erythropoietin/EPO antibody(AN002560P) (Capture), Erythropoietin/EPO antibody(AN002570P) (Detector) in sandwich ELISA. The reference range value for Recombinant Human Erythropoietin/EPO protein is 1.56-100 mIU/mL.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

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

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