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Antibody to Human Erythropoietin
MOUSE MONOCLONAL

Catalog Number: AB-444
Quantity: 50 micrograms, 500 micrograms
Format: PBS, pH 7.4, containing 0.1% of sodium azide as preservative
Host: Mouse
Isotype: IgG1
Clone: Epo2

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.

Specificity and Preparation:

Mouse Anti-Human Erythropoietin is purified by chromatography on protein G Sepharose, purity is tested by electrophoresis. Each vial contains 3.4mg/ml antibodies in PBS, pH 7.4, containing 0.1% of sodium azide as preservative.

Usage and Storage:

Applications include ELISA and Western blotting. Recommended pair for sandwich ELISA: Epo2 - Epo1 (capture - conjugate).

Store at 4°C. Antibody is stable for two years frozen, one month at 4°C. This material is provided for LABORATORY RESEARCH USE ONLY.