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**Antibody to Human Erythropoietin**  
**MOUSE MONOCLONAL**

**Catalog Number:** PRP-187ANT  
**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 3.4 mg/ml antibodies in PBS, pH 7.4, containing 0.1% of sodium azide as preservative.

**Usage and Storage:**

Reported to be effective for ELISA and immunoblotting. Recommended pair for sandwich ELISA: Epo2 - Epo1 (capture - conjugate). Gently spin down material before use; 5-10 seconds in a microfuge should be adequate. 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**.

**To view protocol(s) for this and other products please visit: [www.ATSBio.com/support/protocols](http://www.ATSBio.com/support/protocols)**