

## Erythropoietin/EPO Monoclonal Antibody(Detector)

catalog number: AN002570P

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

### Description

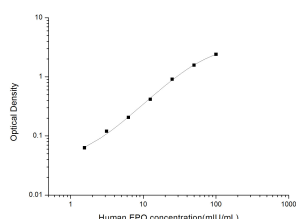
<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human Erythropoietin/EPO protein expressed by Mammalian
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG2a
<b>Clone</b>	7A8
<b>Purification</b>	Protein A/G Purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

### Applications

### Recommended Dilution

<b>ELISA Detector</b>	0.1-0.4 µg/mL
-----------------------	---------------

### 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

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	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.

### For Research Use Only