

For Research Use Only

# Mouse EPO/Erythropoietin Recombinant antibody, PBS Only (Detector)

Catalog Number: 83050-1-PBS



## Basic Information

<b>Catalog Number:</b> 83050-1-PBS	<b>GenBank Accession Number:</b> NM_007942	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 13856	<b>CloneNo.:</b> 230304A12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P07321	
<b>Isotype:</b> IgG	<b>Full Name:</b> erythropoietin	
	<b>Calculated MW:</b> 21kd	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA

**Species Specificity:**  
mouse

## Product Information

83050-1-PBS targets EPO/Erythropoietin as part of a matched antibody pair:

MP00026-1: 83050-4-PBS capture and 83050-1-PBS detection (validated in Sandwich ELISA)

MP00026-2: 83050-2-PBS capture and 83050-1-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

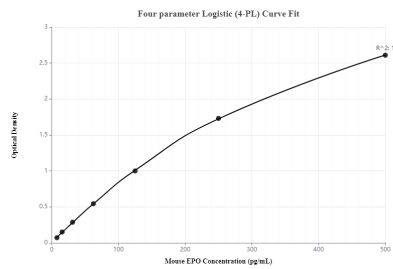
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
100% PBS pH 7.3

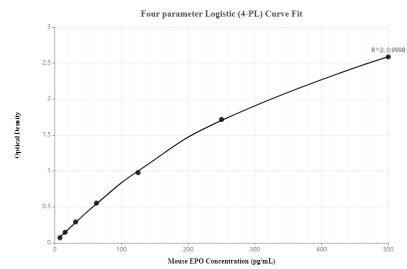
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



Sandwich ELISA standard curve of MP00026-1, Mouse EPO/Erythropoietin Recombinant Matched Antibody Pair, PBS Only. 83050-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0265. 83050-1-PBS was HRP conjugated as the detection antibody. Range: 7.8-500 pg/mL



Sandwich ELISA standard curve of MP00026-2, Mouse EPO/Erythropoietin Recombinant Matched Antibody Pair, PBS Only. 83050-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0265. 83050-1-PBS was HRP conjugated as the detection antibody. Range: 7.8-500 pg/mL