

For Research Use Only

# EPOR Recombinant monoclonal antibody

Catalog Number: 83056-4-RR



## Basic Information

<b>Catalog Number:</b> 83056-4-RR	<b>GenBank Accession Number:</b> NM_000121.4	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2057	<b>CloneNo.:</b> 230117G3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P19235	<b>Recommended Dilutions:</b> IF/ICC: 1:500-1:2000
<b>Isotype:</b> IgG	<b>Full Name:</b> erythropoietin receptor	
<b>Immunogen Catalog Number:</b> AG33956	<b>Calculated MW:</b> 55 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, ELISA	<b>Positive Controls:</b> IF/ICC : TF-1 cells,
<b>Species Specificity:</b> human	

## Background Information

Erythropoietin (EPO) receptor (EPOR) is a glycoprotein that belongs to the type I superfamily of single-transmembrane cytokine receptors. It consists of an extracellular domain that binds to the EPO ligand, a transmembrane domain and an intracellular domain. The interaction of EPO and EPOR triggers the activation of several signaling pathways that induce erythropoiesis, including JAK2/STAT5, PI3K/AKT, and MAPK (PMID: 34281163). EPOR is present on erythroid progenitor cells and has also been detected on a wide variety of non-hematopoietic cells (PMID: 36233351).

## Storage

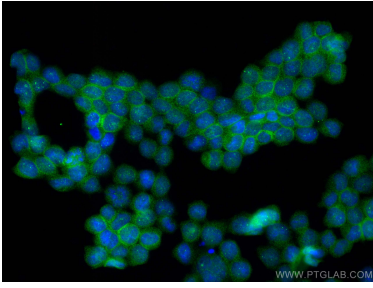
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

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  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed TF-1 cells using EPOR antibody (83056-4-RR, Clone: 230117G3 ) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).