

For Research Use Only

EPOR Recombinant antibody

Catalog Number: 83056-4-RR



Basic Information

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

Applications

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

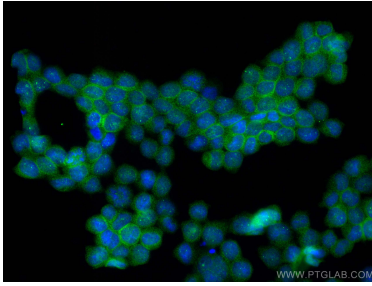
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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
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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).