

Anti-EPOR Reference Antibody (Abbott patent anti-EPO Receptor)

Recombinant Antibody
Catalog # APR10892

Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	P19235
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2SA
Calculated MW	55065

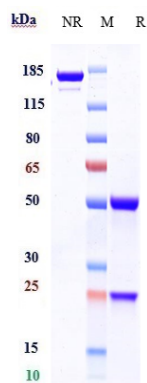
Additional Information

Target/Specificity	EPOR
Endotoxin Conjugation	Unconjugated
Expression system	CHO Cell
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

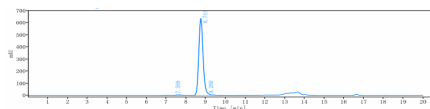
Protein Information

Name	EPOR {ECO:0000303 PubMed:2163695, ECO:0000312 HGNC:HGNC:3416}
Function	Receptor for erythropoietin, which mediates erythropoietin- induced erythroblast proliferation and differentiation (PubMed: 10388848 , PubMed: 2163695 , PubMed: 2163696 , PubMed: 8662939 , PubMed: 9774108). Upon EPO stimulation, EPOR dimerizes triggering the JAK2/STAT5 signaling cascade (By similarity). In some cell types, can also activate STAT1 and STAT3 (PubMed: 11756159). May also activate the LYN tyrosine kinase (By similarity).
Cellular Location	Cell membrane {ECO:0000250 UniProtKB:P14753}; Single-pass type I membrane protein
Tissue Location	Erythroid cells and erythroid progenitor cells. [Isoform EPOR-S]: Isoform EPOR-S and isoform EPOR-T are the predominant forms in bone marrow.

Images



Anti-EPOR Reference Antibody (Abbott patent anti-EPO Receptor) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-EPOR Reference Antibody (Abbott patent anti-EPO Receptor) is more than 95% ,determined by SEC-HPLC.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.