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

Recombinant Antibody
Catalog # APR10892

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P19235
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2SA
Calculated MW	55065

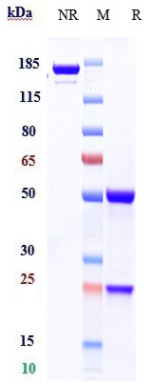
Additional Information

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

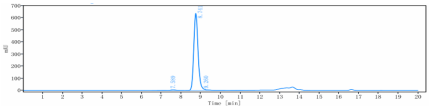
Protein Information

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 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'.