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

Recombinant Antibody
Catalog # APR10892

Specification

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

Application	**FC, E, FTA**
Primary Accession	P19235
Reactivity	**Cynomolgus, Human**
Clonality	**Monoclonal**
Isotype	**IgG2SA**
Calculated MW	**150 KDa**

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

Target/Specificity
EPOR

Endotoxin
< 0.001EU/ μg,determined by LAL method.

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.

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

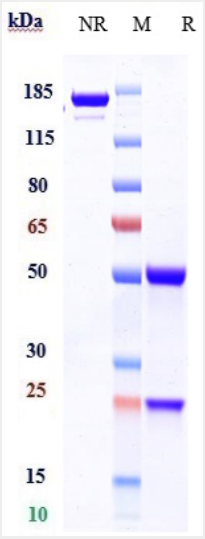
Tissue Location
Erythroid cells and erythroid progenitor cells. [Isoform EPOR-S]: Isoform EPOR-S and isoform EPOR-T are the predominant forms in bone marrow.

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

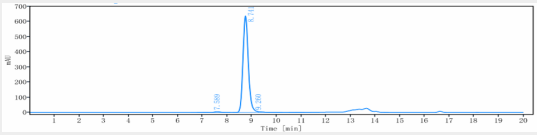
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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