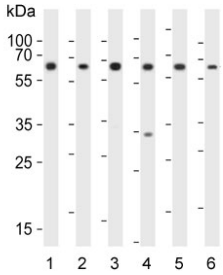
Erythropoietin Receptor Antibody / EPOR (F54393)

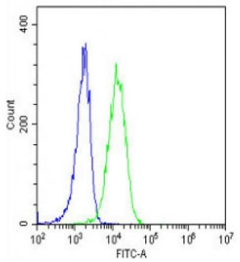
Catalog No.	Formulation	Size
F54393-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54393-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P19235
Applications	Western blot: 1:500-1:2000 Flow cytometry: 1:25 (1x10e6 cells)
Limitations	This Erythropoietin Receptor antibody is available for research use only.



Western blot testing of human 1) K562, 2) Jurkat, 3) HL60, 4) HepG2, 5) kidney and 6) placenta lysate with Erythropoietin Receptor antibody. Predicted molecular weight ~55 kDa.



Flow cytometry testing of fixed and permeabilized human K562 cells with Erythropoietin Receptor antibody; Blue=isotype control, Green= Erythropoietin Receptor antibody.

Description

Receptor for erythropoietin. Mediates erythropoietin- induced erythroblast proliferation and differentiation. Upon EPO stimulation, EPOR dimerizes triggering the JAK2/STAT5 signaling cascade. In some cell types, can also activate STAT1 and STAT3. May also activate the LYN tyrosine kinase.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Erythropoietin Receptor antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 470-504 from the human protein was used as the immunogen for the Erythropoietin Receptor antibody.

Storage

Aliquot the Erythropoietin Receptor antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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