

Datasheet for ABIN6243002
anti-EPOR antibody (C-Term)

5 Images

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Overview

Quantity:	400 µL
Target:	EPOR
Binding Specificity:	AA 470-504, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPOR antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This EPOR antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 470-504 amino acids from the C-terminal region of human EPOR.
Clone:	RB50846
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	EPOR
Alternative Name:	EPOR (EPOR Products)
Background:	Receptor for erythropoietin. Mediates erythropoietin- induced erythroblast proliferation and

Target Details

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.

Molecular Weight:	55065
UniProt:	P19235
Pathways:	JAK-STAT Signaling

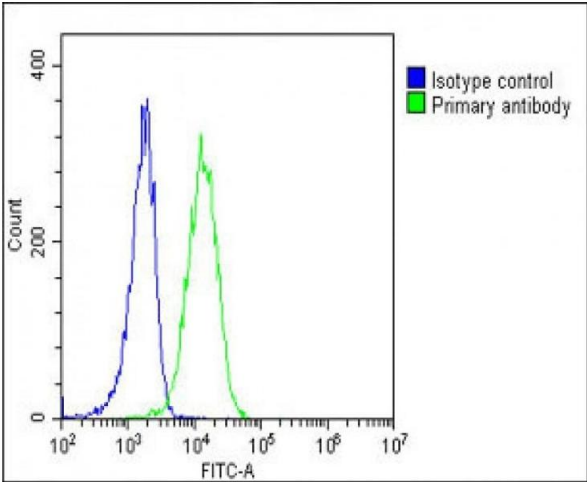
Application Details

Application Notes:	WB: 1:2000. WB: 1:2000. WB: 1:1000. FC: 1:25. FC: 1:25
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

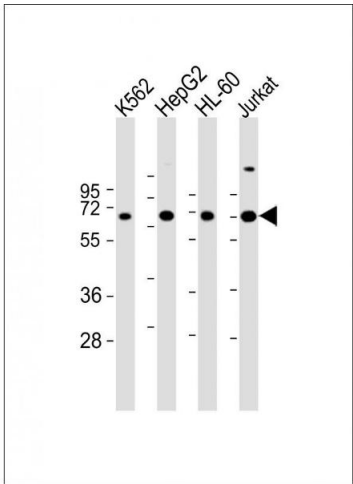
Images



Flow Cytometry

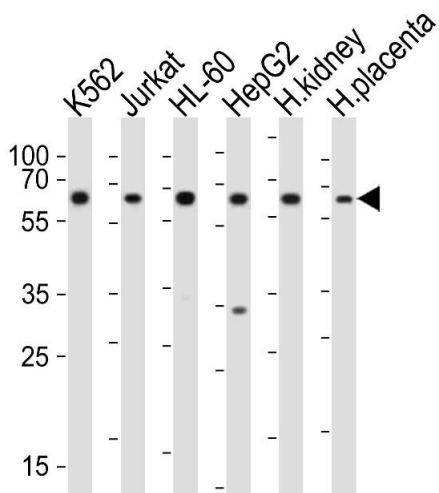
Image 1. Overlay histogram showing K562 cells stained with C(green line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then icubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (C, 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly

Cross-Adsorbed(OH191631) at 1/200 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.



Western Blotting

Image 2. All lanes : Anti-EPOR Antibody (C-term) at 1:2000 dilution Lane 1: K562 whole cell lysate Lane 2: HepG2 whole cell lysate Lane 3: HL-60 whole cell lysate Lane 4: Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 55 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 3. Western blot analysis of lysates from K562, Jurkat, HL-60, HepG2 cell line, human kidney, human placenta tissue(from left to right), using EPOR Antibody (C-term) (ABIN6243002 and ABIN6577698). (ABIN6243002 and ABIN6577698) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20 µg per lane.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN6243002.