Product Datasheet

EPOR Antibody (C-term) (orb1788134)

Catalog Number	orb1788134
Category	Antibodies
Description	Purified Rabbit Polyclonal Antibody (Pab)
Target	EPOR {ECO:0000303|PubMed:2163695, ECO:0000312|HGNC:HGNC:3416}
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
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. Antigen Region: 470-504 aa.
UniProt ID	P19235
MW	55065 Da
Tested applications	FC, WB
Dilution range	WB: 1:1000, WB: 1:2000, FC: 1:25, FC: 1:25

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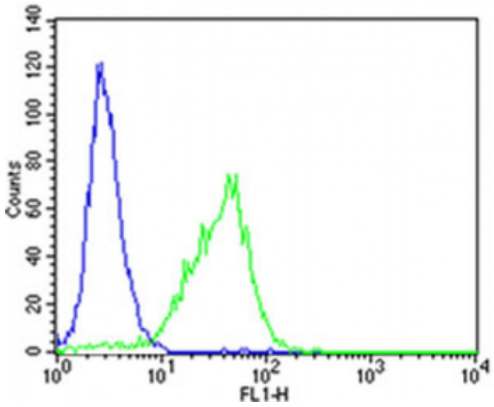
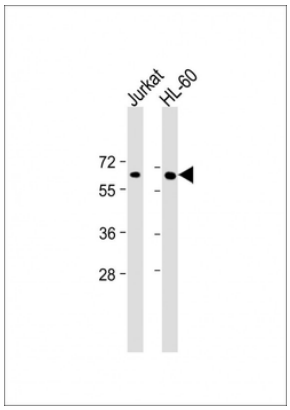
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
Expiration Date	12 months from date of receipt.



Flow cytometric analysis of K562 cells using EPOR Antibody (C-term) (green) compared to an isotype control of rabbit IgG (blue). Diluted at 1:25 dilution. An Alexa Fluor 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.



All lanes: Anti-EPOR Antibody (C-term) at 1:2000 dilution. Lane 1: Jurkat whole cell lysate. Lane 2: HL-60 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.

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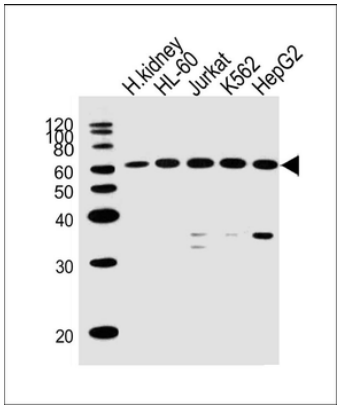
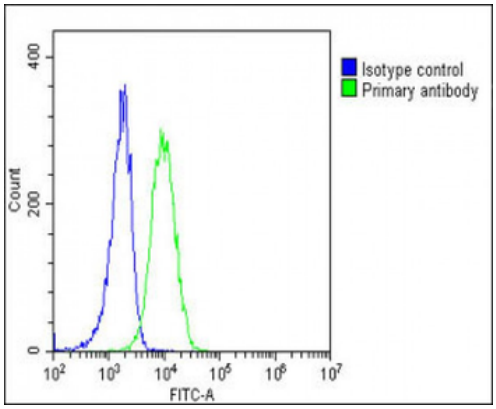


All lanes: Anti-EPOR Antibody (C-term) at 1/1000 dilution. Lane 1: human kidney lysates. Lane 2: HL-60 whole cell lysates. Lane 3: Jurkat whole cell lysates. Lane 4: K562 whole cell lysates. Lane 5: HepG2 whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 62 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



Overlay histogram showing K562 cells stained (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 (1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10^6 cells) used under the same conditions. Acquisition of >10000 events was performed.

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