Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human EPOR mAb

Catalog No.: RMK0271

Basic Information

Catalog No.
RMK0271

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level
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Storage
Store at -20℃
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2 μm filtered solution in PBS with 0.05% Proclin 300, pH 7.4.

Contact

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Background

This gene encodes the erythropoietin receptor which is a member of the cytokine receptor family. Upon erythropoietin binding, this receptor activates Jak2 tyrosine kinase which activates different intracellular pathways including: Ras/MAP kinase, phosphatidylinositol 3-kinase and STAT transcription factors. The stimulated erythropoietin receptor appears to have a role in erythroid cell survival. Defects in the erythropoietin receptor may produce erythroleukemia and familial erythrocytosis. Dysregulation of this gene may affect the growth of certain tumors. Alternate splicing results in multiple transcript variants.

Immunogen Information

Immunogen
Recombinant human EPOR

Cross-Reactivity

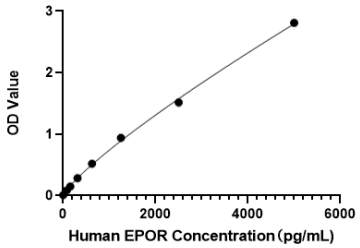
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Assay Applications

Human EPOR Sandwich Immunoassay

	Recommended Concentration	Sample
ELISA Capture	1-4 μg/mL	Rabbit anti-Human EPOR mAb (Cat. No. RMK0270)
ELISA Detection	0.002-0.008 μg/mL	Rabbit anti-Human EPOR mAb (Cat. No. RMK0271)
Standard	31.25-2000 pg/mL	Recombinant Human Erythropoietin R/EPO-R Protein (Cat. No. RP00111)

Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for eachassay.