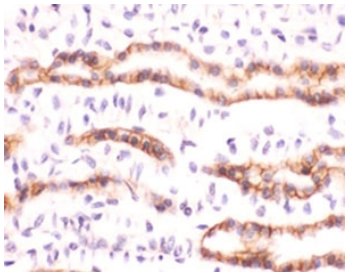
Recombinant Erythropoietin Antibody / EPO [clone ERTP-1] (V7938)

Catalog No.	Formulation	Size
V7938-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7938-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7938SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	ERTP-1
Purity	Protein A affinity chromatography
UniProt	P01588
Localization	Cell surface, cytoplasmic
Applications	Immunohistochemistry (FFPE) : 2-4ug/ml
Limitations	This recombinant Erythropoietin antibody is available for research use only.



Recombinant Erythropoietin Antibody Kidney IHC. Immunohistochemistry staining of FFPE human kidney with recombinant Erythropoietin antibody (clone ERTP-1). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.

Description

Recombinant Erythropoietin Antibody detects EPO, a hormone involved in the regulation of erythrocyte proliferation and differentiation and the maintenance of a physiological level of circulating erythrocyte mass. Binds to EPOR leading to EPOR dimerization and JAK2 activation thereby activating specific downstream effectors, including STAT1 and STAT3.

For detection of erythropoietin (EPO) as a hypoxia response hormone across tissues and conditions, see our EPO antibody.

Application Notes

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

Immunogen

Amino acids 28-162 were used as the immunogen for the recombinant Erythropoietin antibody.

Storage

Store the recombinant Erythropoietin antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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