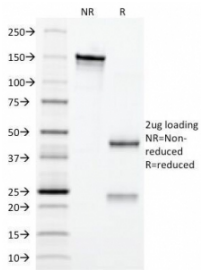
Erythropoietin Antibody / EPO [clone EPO/1367] (V3372)

Catalog No.	Formulation	Size
V3372-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3372-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3372SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	EPO/1367
Purity	Protein G affinity chromatography
UniProt	P01588
Localization	Cell surface, cytoplasmic
Applications	ELISA : 2-4ug/ml (order BSA/azide-free format) Immunohistochemistry (FFPE) : 2-4ug/ml for 30 min at RT
Limitations	This Erythropoietin antibody is available for research use only.



SDS-PAGE Analysis of Purified, BSA-Free Erythropoietin Antibody (clone EPO/1367). Confirmation of Integrity and Purity of the Antibody.

Description

Erythropoietin / EPO is a secreted, glycosylated cytokine hormone composed of four alpha helical bundles. It is the

primary factor responsible for regulating erythropoiesis during steady-state conditions and in response to blood loss and hemorrhage in the adult organism. Erythropoietin is synthesized by the kidney and stimulates the proliferation and maturation of bone marrow erythroid precursor cells. The protein is found in the plasma and regulates red cell production by promoting erythroid differentiation and initiating hemoglobin synthesis.

Application Notes

Titering of the Erythropoietin antibody may be required for optimal performance.

Immunogen

A human partial recombinant protein was used as the immunogen for the Erythropoietin antibody.

Storage

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