

Product Datasheet

Erythropoietin R Antibody NB120-26824

Unit Size: 0.25 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB120-26824**Erythropoietin R Antibody**

Product Information	
Unit Size	0.25 mg
Concentration	1.32 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein G purified
Buffer	0.15M PBS (pH 7.4)

Product Description	
Host	Sheep
Gene ID	2057
Gene Symbol	EPOR
Species	Human
Reactivity Notes	Reacts with human.
Specificity/Sensitivity	Antibody titers and specificity were analyzed by ELISA assay using control samples by varying concentration of EpoR
Immunogen	The immunogen used was the cDNA of the extracellular domain of human EpoR expressed as a protein in E. coli.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, ELISA 1:20, Immunocytochemistry/Immunofluorescence 1:1000, Immunoprecipitation 1:10-1:500
Application Notes	ELISA, Immunoprecipitation, Western Blot and Immunocytochemistry Affinity purified antibody was found to detect EpoR at concentrations of 50 ng/ml. Neutralization of ligand binding has been detected using erythroleukemia cell line TF-1 with 3000 Epo receptors/cell to block Iodine 125 labeled erythropoietin ligand binding. This antibody will recognize EpoR at its migration of 49 kD on SDS-PAGE. High quality secondary anti-sheep reagents are essential for this assay. Past experiments recommend the use of rabbit anti-sheep rather than donkey anti-sheep antibodies as a secondary labeling reagents.

Publications

Nakatsuji T. Long-term survival of a piece of rat bone marrow graft with the bone in syngeneic rat spleen: new roles of bone marrow mast cells host spleen megakaryocytes secreting vascular endothelial growth factor (VEGF). Haema; 8 (3):450-457. 2005-01-01

Fairchild Benyo D, Conrad KP. Expression of the erythropoietin receptor by trophoblast cells in the human placenta. Biol Reprod;60(4):861-70. 1999-04-01 [PMID: 10084959]

Harris KW, Mitchell RA, Winkelmann JC. Lig binding properties of the human erythropoietin receptor extracellular domain expressed in Escherichia coli. J Biol Chem;267(21):15205-9. 1992-07-25 [PMID: 1321832]





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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