Product Datasheet

CD45RC Antibody (OX-22) - BSA Free
NB120-6406

Unit Size: 0.1 mg

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

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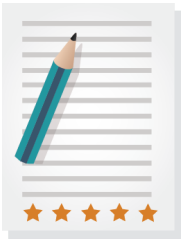
Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB120-6406

Updated 9/9/2025 v.20.1



NB120-6406

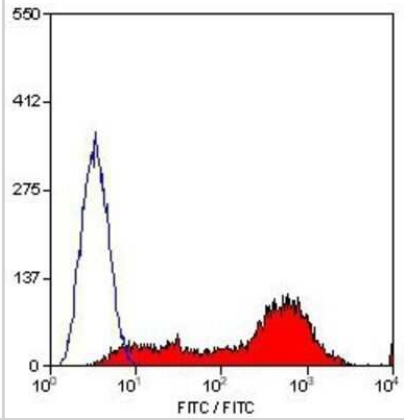
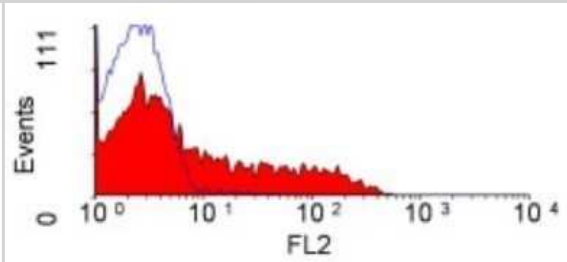
CD45RC Antibody (OX-22) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OX-22
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse CD45RC Antibody (OX-22) - BSA Free (NB120-6406) is a monoclonal antibody validated for use in IHC and Flow. Anti-CD45RC Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5788
Gene Symbol	PTPRC
Species	Rat
Specificity/Sensitivity	NB120-6406 recognizes rat CD45RC, the high molecular weight form of the leucocyte common antigen. This antigen is found on B cells, approximately 50% of bone marrow cells, all CD8+ve T cells, but splits CD4+ve T cells into two populations,CD4+ CD45RC (Th 1-like) and CD4+ CD45RC low (Th-2 like). This product is routinely tested in flow cytometry on rat splenocytes.
Immunogen	Phytohaemagglutinin (PHA) -activated rat lymphocytes

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Flow Cytometry 1:100, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen 1:100-1:1000

Images

Flow Cytometry: CD45RC Antibody (OX22) [NB120-6406] - Analysis using the FITC conjugate of NB120-6406. Staining of rat spleen cells.	
Flow Cytometry: CD45RC Antibody (OX22) [NB120-6406] - Analysis using the Biotin conjugate of NB120-6406. Staining of rat splenocytes.	

Publications

Kampinga J, Schuurman HJ, Pol GH et al. Vascular thymus transplantation in rats. Technique, morphology, and function. Transplantation. 1990-10-01 [PMID: 2219290]

Hancock WW, Khoury SJ, Carpenter CB, Sayegh MH. Differential effects of oral versus intrathymic administration of polymorphic major histocompatibility complex class II peptides on mononuclear and endothelial cell activation and cytokine expression during a delayed-type hypersensitivity response. Am J Pathol. [PMID: 8203456] (IHC-Fr, Rat)

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Products Related to NB120-6406

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB120-6406UV	CD45RC Antibody (OX-22) [DyLight 350]

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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