

Product Datasheet

CD25/IL-2R alpha Antibody (OX-39) - BSA Free NB100-64761

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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NB100-64761

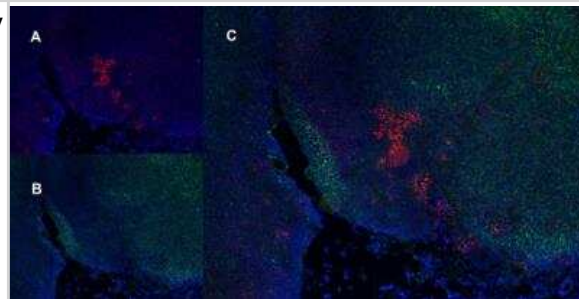
CD25/IL-2R alpha Antibody (OX-39) - BSA Free

Product Information	
Unit Size	0.25 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-39
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	3559
Gene Symbol	IL2RA
Species	Rat
Specificity/Sensitivity	NB100-64761 recognizes the alpha chain of rat CD25, otherwise known as IL-2 receptor alpha, a 55kDa type I membrane glycoprotein, expressed by activated T cells but not resting lymphocytes. CD25 is also expressed by dendritic cells found in the thymus medulla. *This clone has been described reacting with paraffin-embedded material following PLP fixation (periodate-lysine-paraformaldehyde) ⁽⁶⁾ . Clone OX-39 has been shown to weakly inhibit the binding of IL-2 to Con-A stimulated spleen blasts.
Immunogen	Stimulated Rat T cells
Product Application Details	
Applications	ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Flow Cytometry 1:10-1:1000, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500

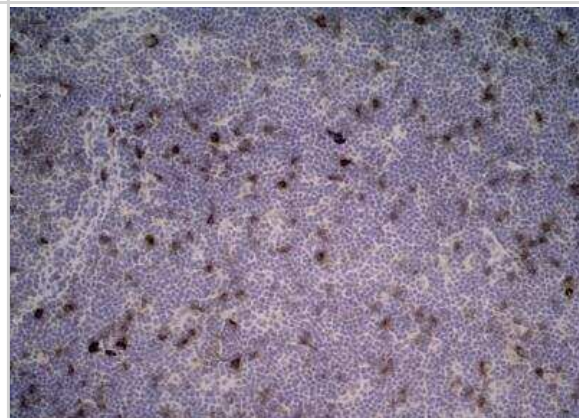


Images

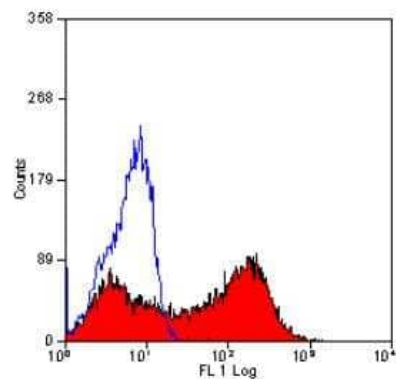
Immunocytochemistry/Immunofluorescence: CD25/IL-2 R alpha Antibody (OX-39) [NB100-64761] - Rat lymph node cryosection with Mouse anti Rat CD25 antibody , red in A and Mouse anti Rat CD8, green in B. C is the merged image with nuclei counterstained blue using DAPI. Low power



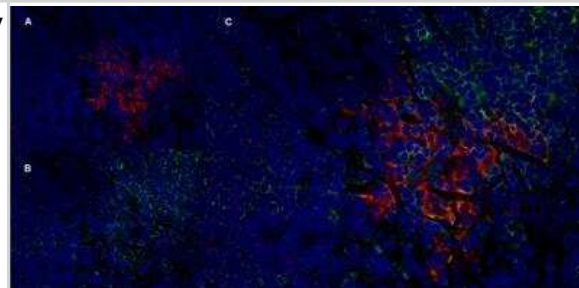
Immunohistochemistry-Paraffin: CD25/IL-2 R alpha Antibody (OX-39) [NB100-64761] - Rat lymph node cryosection with Mouse anti Rat CD25 followed by horseradish peroxidase conjugated Goat anti Mouse IgG1 as a detection reagent. Medium power



Flow Cytometry: CD25/IL-2 R alpha Antibody (OX-39) [NB100-64761] - Staining of Con A activated rat spleen cells with Mouse anti Rat CD25: Biotin



Immunocytochemistry/Immunofluorescence: CD25/IL-2 R alpha Antibody (OX-39) [NB100-64761] - Rat lymph node cryosection with Mouse anti Rat CD25 antibody, red in A and Mouse anti Rat CD8, green in B. C is the merged image with nuclei counterstained blue using DAPI. High power



Publications

Crook K, Hunt SV. Enrichment of early fetal-liver hemopoietic stem cells of the rat using monoclonal antibodies against the transferrin receptor, Thy-1, and MRC-OX82. *Dev Immunol.* [PMID: 8924759] (FLOW, Rat)

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

Bouchot O, Anegon I, Romaniuk A et al. Interleukin 2 receptor in rat heart allograft rejection. *Transplantation.* 1989-12-01 [PMID: 2595779]

Lazo PA, Klein-Szanto AJ, Tschlis PN. T-cell lymphoma lines derived from rat thymomas induced by Moloney murine leukemia virus: phenotypic diversity and its implications. *J Virol.* [PMID: 2196385] (IHC-Fr, FLOW, Rat)





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Products Related to NB100-64761

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)
NB100-64761APC	CD25/IL-2R alpha Antibody (OX-39) [Allophycocyanin]

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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