

Product Datasheet

CD25/IL-2R alpha Antibody (OX-39) - BSA Free NB100-64761-0.05mg

Unit Size: 0.05 mg

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

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Publications: 4

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NB100-64761-0.05mg

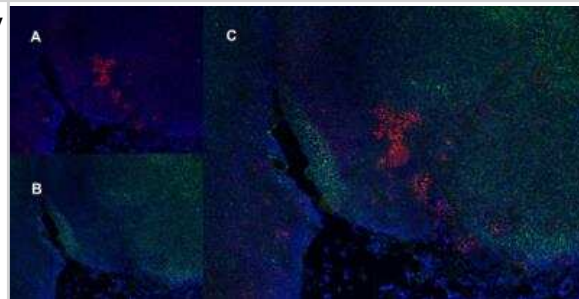
CD25/IL-2R alpha Antibody (OX-39) - BSA Free

| Product Information | |
|-----------------------------|--|
| Unit Size | 0.05 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 | |
| Description | Novus Biologicals Mouse CD25/IL-2R alpha Antibody (OX-39) - BSA Free (NB100-64761) is a monoclonal antibody validated for use in IHC, ELISA, Flow and IP. Anti-CD25/IL-2R alpha Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| 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 | Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, 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 |

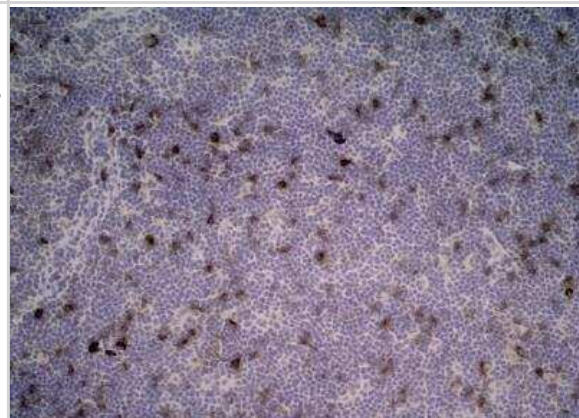


Images

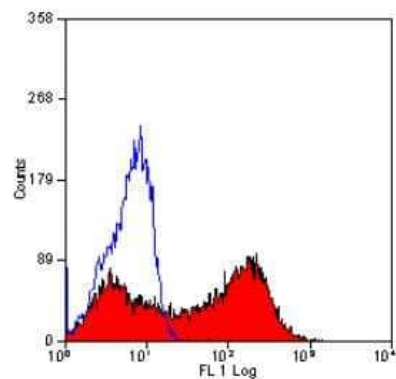
Immunocytochemistry/Immunofluorescence: CD25/IL-2 R alpha Antibody (OX-39) [NB100-64761] - Rat lymph node cryosection with Mouse anti Rat CD25 antibody , red in A and Mouse anti Rat CD8, green in B. C is the merged image with nuclei counterstained blue using DAPI. Low power



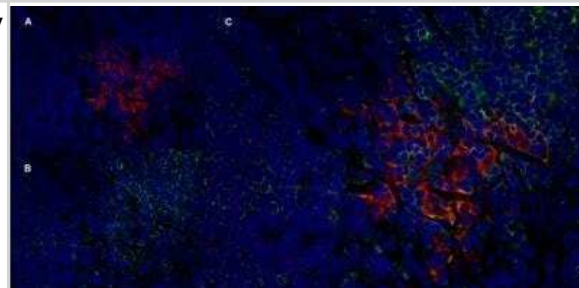
Immunohistochemistry-Paraffin: CD25/IL-2 R alpha Antibody (OX-39) [NB100-64761] - Rat lymph node cryosection with Mouse anti Rat CD25 followed by horseradish peroxidase conjugated Goat anti Mouse IgG1 as a detection reagent. Medium power



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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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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