

# Product Datasheet

## CD200/OX2 Antibody (OX-2) - BSA Free **NB100-65320-250ug**

Unit Size: 250 ug

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

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### Publications: 1

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**NB100-65320-250ug**

CD200/OX2 Antibody (OX-2) - BSA Free

**Product Information**

<b>Unit Size</b>	250 ug
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OX-2
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS

**Product Description**

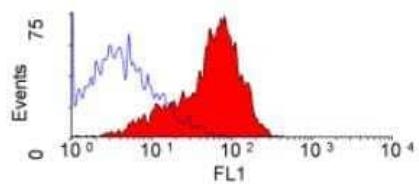
<b>Description</b>	Novus Biologicals Mouse CD200/OX2 Antibody (OX-2) - BSA Free (NB100-65320) is a monoclonal antibody validated for use in IHC, Flow and IP. Anti-CD200/OX2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	4345
<b>Gene Symbol</b>	CD200
<b>Species</b>	Rat
<b>Specificity/Sensitivity</b>	NB100-65320 recognizes the rat CD200 cell surface antigen, also known as OX-2, a type I membrane glycoprotein, expressed on rat thymocytes, neurons, follicular dendritic cells, endothelium and at low levels on some B cells and smooth muscle cells. Studies have indicated that the CD200-CD200 ligand system is important in the control of macrophage and granulocyte activation and that this antibody blocks OX-2 mediated T cell costimulation. This product is routinely tested by flow cytometry on rat thymocytes.
<b>Immunogen</b>	Rat thymocyte membrane glycoproteins

**Product Application Details**

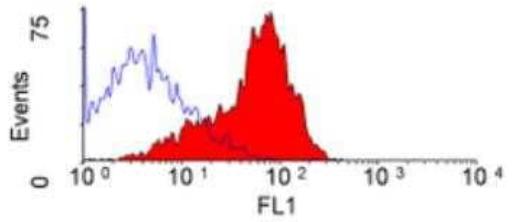
<b>Applications</b>	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
<b>Recommended Dilutions</b>	Flow Cytometry 1:50-1:100, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500

## Images

Flow Cytometry: CD200/OX2 Antibody (OX-2) [NB100-65320] - Analysis of PE conjugate of NB100-65320. Staining of rat thymocytes with Mouse anti Rat CD200



Flow Cytometry: CD200/OX2 Antibody (OX-2) [NB100-65320] - Staining of rat thymocytes with Mouse anti Rat CD200/OX2.



## 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)



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## Products Related to NB100-65320-250ug

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)
210-TA-005	TNF-alpha [Unconjugated]

## 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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