

Product Datasheet

CD45 Antibody (OX-1) - Azide and BSA Free NBP2-80651

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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NBP2-80651

CD45 Antibody (OX-1) - Azide and BSA Free

Product Information	
Unit Size	0.25 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OX-1
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	143 kDa

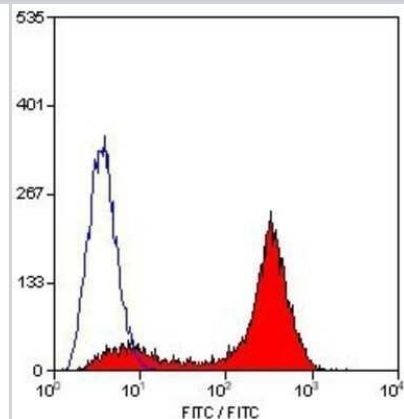
Product Description	
Description	Novus Biologicals Mouse CD45 Antibody (OX-1) - Azide and BSA Free (NB100-64895) is a monoclonal antibody validated for use in IHC, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5788
Gene Symbol	PTPRC
Species	Rat
Reactivity Notes	CD45 Antibody (OX-1) shows reactivity with <i>S. pneumoniae</i> as reported in scientific literature (PMID: 31754014).
Immunogen	This CD45 Antibody (OX-1) - Azide and BSA Free was prepared from A 100kD thymocyte glycoprotein fraction enriched for the rat leukocyte common antigen (L-CA).

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready
Recommended Dilutions	Flow Cytometry 1:100, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, CyTOF-ready
Application Notes	The antibody is directed against L-CA (leukocyte common antigen), the rat equivalent of CD45 which has a molecular weight 180-240kDa, and is present on all rat leukocytes, but not erythroid cells or cells of other tissues. This antibody is CyTOF ready.

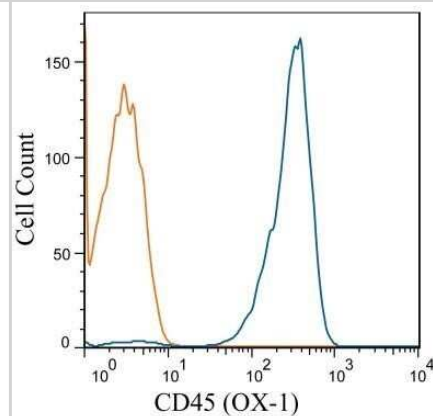


Images

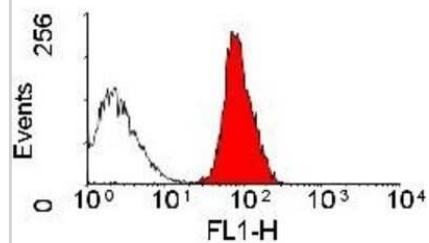
Flow Cytometry: CD45 Antibody (OX-1) - Azide and BSA Free [NBP2-80651] - Analysis using the FITC conjugate of CD45 antibody (OX-1). Staining of rat spleen cells.



Flow Cytometry: CD45 Antibody (OX-1) - Azide and BSA Free [NBP2-80651] - Analysis using Alexa Fluor (R) 488 conjugate of CD45 antibody (OX-1). Rat Splenocytes were stained with CD45 antibody (OX-1) [NB100-64895] (blue) and a matched isotype control [NBP2-27287] (orange). Cells were incubated in an antibody dilution of 1 ug/mL for 20 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 488. Image from the standard format of this antibody.



Flow Cytometry: CD45 Antibody (OX-1) - Azide and BSA Free [NBP2-80651] - Staining of rat peripheral blood lymphocytes with mouse anti-rat CD45 antibody (OX-1). Image from the standard format of this antibody.





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Products Related to NBP2-80651

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-51591-0.02mg	Recombinant Human CD45 His Protein

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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