

Product Datasheet

CD44 Antibody (OX-50) - Azide and BSA Free NBP2-80649

Unit Size: 0.1 ml

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

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NBP2-80649

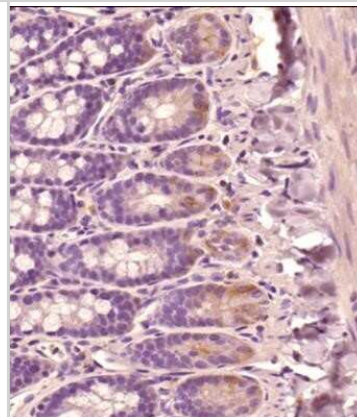
CD44 Antibody (OX-50) - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
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-50
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse CD44 Antibody (OX-50) - Azide and BSA Free (NB600-1317) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	960
Gene Symbol	CD44
Species	Rat
Immunogen	Rat T cell blasts from a mixed lymphocyte reaction between purified CD4+ T cells and irradiated spleen cells.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready
Recommended Dilutions	Western Blot reported in scientific literature (PMID 8537452), Flow Cytometry 1:50 - 1:100, Immunohistochemistry 1:50 - 1:100, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:50 - 1:100. Use reported in scientific literature (PMID 16673425), Immunohistochemistry-Frozen 1:50 - 1:100. Use reported in scientific literature (PMID 16673425), CyTOF-ready
Application Notes	This antibody is CyTOF ready.

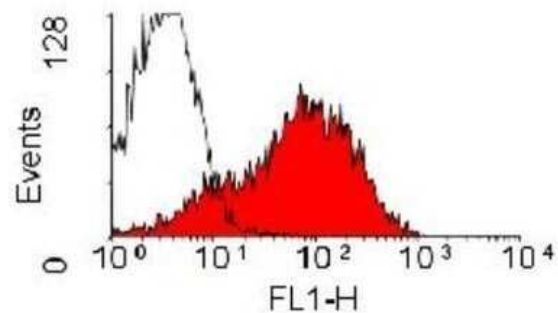


Images

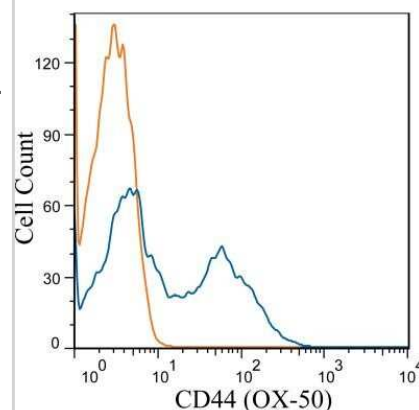
Immunocytochemistry: CD44 Antibody (OX-50) - Azide and BSA Free [NBP2-80649] - Analysis of a FFPE tissue section of Rat small intestine using Mouse anti-Rat CD44 antibody (clone OX50) at 1:100 dilution. The staining was detected using HRP-conjugated anti-Mouse secondary antibody with DAB reagent followed by hematoxylin counterstain



Flow Cytometry: CD44 Antibody (OX-50) - Azide and BSA Free [NBP2-80649] - Analysis using the FITC conjugate of NB600-1317. Staining of rat spleen cells with Mouse anti Rat CD44: FITC.



Flow Cytometry: CD44 Antibody (OX-50) - Azide and BSA Free [NBP2-80649] - Rat Splenocytes were stained with CD44 (OX-50) antibody NB600-1317 (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.





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Products Related to NBP2-80649

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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)

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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