

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

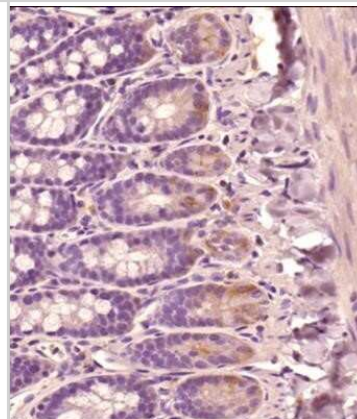
CD44 Antibody (OX-50) - Azide and BSA Free

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	
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, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-ready, Immunocytochemistry
Recommended Dilutions	Western Blot reported in scientific literature (PMID 8537452), Flow Cytometry 1:50 - 1:100, Immunohistochemistry 1:50 - 1:100, 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), Immunocytochemistry, CyTOF-ready
Application Notes	This antibody is CyTOF ready.

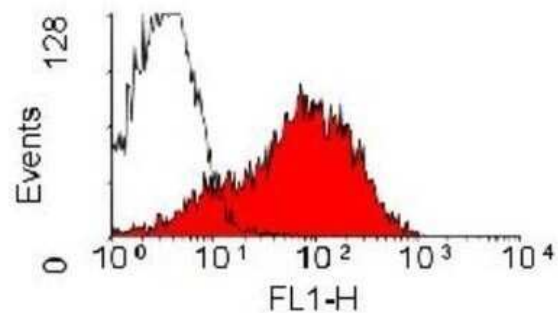


Images

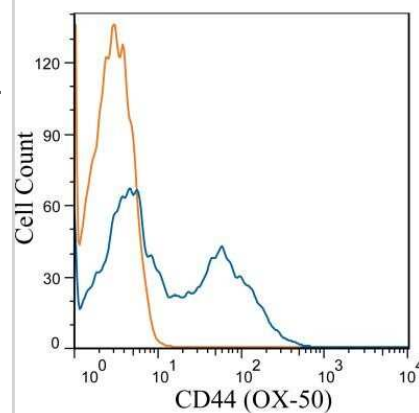
Immunocytochemistry: CD44 Antibody (OX-50) - Azide and BSA Free [NBP2-80649] - Analysis of a FFPE tissue section of Rat small intestine using Mouse anti-Rat CD44 antibody (clone OX50) at 1:100 dilution. The staining was detected using HRP-conjugated anti-Mouse secondary antibody with DAB reagent followed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

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)
NBP1-84578PEP	CD44 Recombinant Protein Antigen

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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