

Product Datasheet

CD52 Antibody (Campath-1H) - Chimeric - Azide and BSA Free **NBP2-52645-0.2mg**

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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NBP2-52645-0.2mg

CD52 Antibody (Campath-1H) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	Campath-1H
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

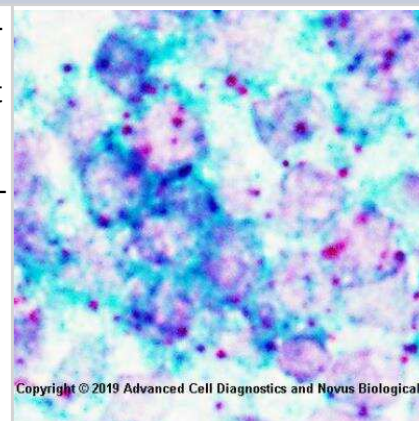
Product Description	
Description	Novus Biologicals Rabbit CD52 Antibody (Campath-1H) - Chimeric - Azide and BSA Free (NBP2-52645) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA, Flow, Dual RNAscope ISH-IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1043
Gene Symbol	CD52
Species	Human, Cynomolgus Monkey, Rhesus Macaque
Specificity/Sensitivity	Human CD52 antigen, also known as CAMPATH-1. CD52 is expressed at high density by lymphocytes, monocytes, eosinophils, thymocytes and macrophages. It is expressed by most lymphoid derived malignancies, although expression on myeloma cells is variable.
Immunogen	Human lymphocytes.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, In vivo assay, CyTOF-ready, Dual RNAscope ISH-IHC
Recommended Dilutions	Western Blot, Flow Cytometry 1:10 - 1:1000, ELISA, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, In vivo assay, CyTOF-ready, Dual RNAscope ISH-IHC
Application Notes	This antibody is Cytof ready. This chimeric rabbit antibody was made using the variable domain sequences of the original Human IgG1 format, for improved compatibility with existing reagents, assays and techniques.

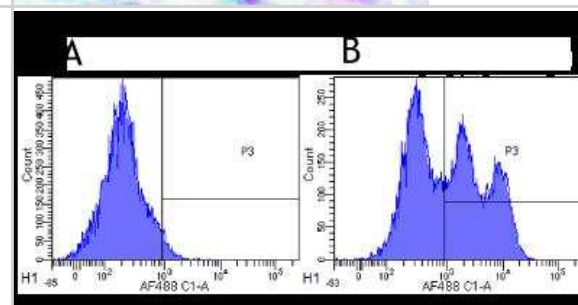


Images

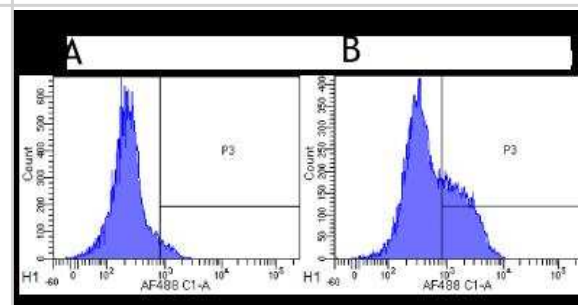
Dual RNAScope ISH-IHC: CD52 Antibody (Campath-1H) [NBP2-52645] - Formalin-fixed paraffin-embedded tissue sections of human tonsil were probed for CD52 mRNA (ACD RNAScope probe, catalog # 519381; Fast Red chromogen, ACD catalog # 322500) followed by immunohistochemistry using rabbit monoclonal (Novus catalog # NBP2-52645) at 5ug/mL for 1 hour at room temperature and detection with anti-mouse IgG VisUCyte HRP Polymer Antibody (R&D Systems Catalog # VC003) and green HRP chromogen (ACD Catalog # 322500).



Flow Cytometry: CD52 Antibody (Campath-1H) [NBP2-52645] - Flow-cytometry using anti-CD52 antibody Campath-1H. Cynomolgus monkey lymphocytes were stained with an isotype control (panel A) or the rabbit-chimeric version of Campath-1H (panel B) at a concentration of 1 ug/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.



Flow Cytometry: CD52 Antibody (Campath-1H) [NBP2-52645] - Flow-cytometry using anti-CD52 antibody Campath-1H. Rhesus monkey lymphocytes were stained with an isotype control (panel A) or the rabbit-chimeric version of Campath-1H (panel B) at a concentration of 1 ug/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.





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Products Related to NBP2-52645-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-61993-20ug	Recombinant Human CD52 hIgG-His Protein
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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