

Product Datasheet

CD52 Antibody (YTH 34.5-G2b (Campath-1G)) - Chimeric - Azide and BSA Free NBP2-52657-0.2mg

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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NBP2-52657-0.2mg

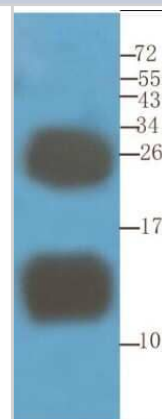
CD52 Antibody (YTH 34.5-G2b (Campath-1G)) - Chimeric - Azide and BSA Free

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	YTH 34.5-G2b (Campath-1G)
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS
Product Description	
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 peripheral mononuclear cells enriched for T-cells.
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, In vivo assay, CyTOF-ready
Recommended Dilutions	Western Blot 1:100 - 1:2000, Flow Cytometry 1:10 - 1:1000, ELISA 1:100 - 1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:10 - 1:500, Immunohistochemistry-Frozen 1:10 - 1:500, In vivo assay, CyTOF-ready
Application Notes	This antibody is Cytof ready. This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG2b format, for improved compatibility with existing reagents, assays and techniques.

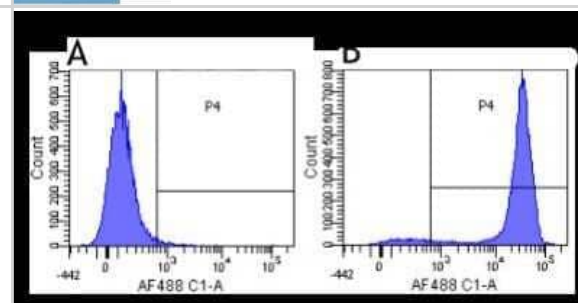


Images

Western Blot: CD52 Antibody (YTH 34.5-G2b (Campath-1G)) - Chimeric [NBP2-52657] - Western Blot using anti-CD52 antibody YTH 34.5-G2b (Campath-1G). Mouse spleen samples were resolved on a 15% SDS PAGE gel and blots probed with the rat IgG1-chimeric version of YTH 34.5-G2b at 1.5 ug/ml before detection using an anti-rat secondary antibody. Protein was detected by chemiluminescence. The expected unmodified running size for CD52 is ~8kDa, but this protein is extensively glycosylated and exhibits running sizes of ~11-25kDa.



Flow Cytometry: CD52 Antibody (YTH 34.5-G2b (Campath-1G)) - Chimeric [NBP2-52657] - Flow-cytometry using the anti-CD52 research biosimilar antibody Campath-1G (YTH 34.5-G2b) Human lymphocytes were stained with an isotype control (panel A) or the rabbit-chimeric version of Campath-1G / YTH 34.5-G2b (NBP2-52657, panel B) at a concentration of 0.25 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 NBP2-52657-0.2mg

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.

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