

Product Datasheet

CD4 Antibody (YNB46.1.8 (Campath-9H)) - Chimeric - Azide and BSA Free NBP2-52658-0.2mg

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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NBP2-52658-0.2mg

CD4 Antibody (YNB46.1.8 (Campath-9H)) - 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	YNB46.1.8 (Campath-9H)
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

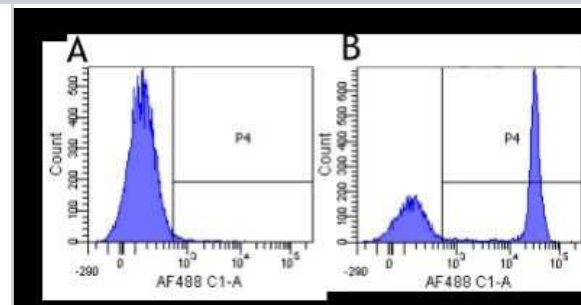
Product Description	
Host	Rabbit
Gene ID	920
Gene Symbol	CD4
Species	Human
Specificity/Sensitivity	Recognizes the 55kDa human CD4 cell surface antigen, expressed by helper T lymphocytes and by monocytes.
Immunogen	Rat T-cell line (NB2) transfected with the human CD4.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry 1:10 - 1:1000, Immunohistochemistry 1:10 - 1:500, Immunohistochemistry-Frozen 1:10 - 1:500, CyTOF-ready
Application Notes	This antibody is Cytof ready. This chimeric rabbit antibody was made using the variable domain sequences of the original rat IgG1 format, for improved compatibility with existing reagents, assays and techniques.

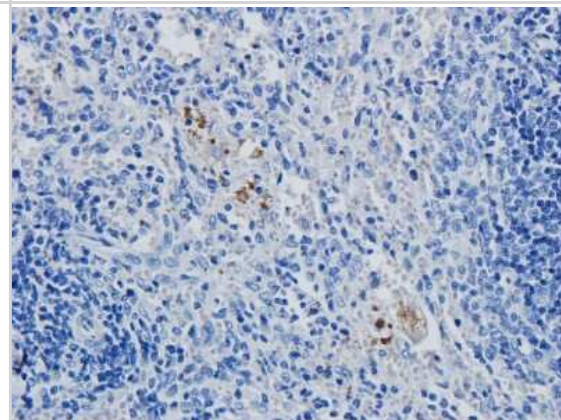


Images

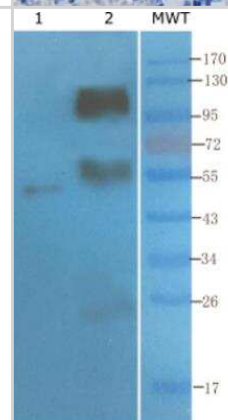
Flow Cytometry: CD4 Antibody (YNB46.1.8 (Campath-9H)) - Chimeric [NBP2-52658] - Flow-cytometry using anti-CD4 antibody YNB46.1.8 (Campath-9H) Human lymphocytes were stained with an isotype control (panel A) or the rabbit-chimeric version of YNB46.1.8/Campath-9H (panel B) at a concentration of 1 ug/ml 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.



Immunohistochemistry: CD4 Antibody (YNB46.1.8 (Campath-9H)) - Chimeric [NBP2-52658] - Immunohistochemical staining of rabbit spleen using anti-CD4 antibody YNB46.1.8 (Campath-9H) Anti-CD4 staining of formaldehyde fixed paraffin embedded rabbit spleen tissue, at 40x magnification. The rat IgG1-chimeric version of YNB46.1.8 was used to stain samples at a concentration of 5 ug/ml.



Western Blot: CD4 Antibody (YNB46.1.8 (Campath-9H)) - Chimeric [NBP2-52658] - Western Blot using anti-CD4 antibody Mouse thymus (lane 1) and mouse spleen (lane 2) were resolved on a 10% SDS PAGE gel and blots probed with NBP2-52658 at 1.5 ug/ml before being detected by a secondary antibody. The expected band size (51 kDa) is seen along with bands corresponding to dimers.





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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP1-19371PEP	CD4 Antibody Blocking Peptide
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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