

# Product Datasheet

## CD4 Antibody (W3/25) - Azide and BSA Free NBP2-80647

Unit Size: 0.25 mg

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

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**NBP2-80647**

CD4 Antibody (W3/25) - Azide and BSA Free

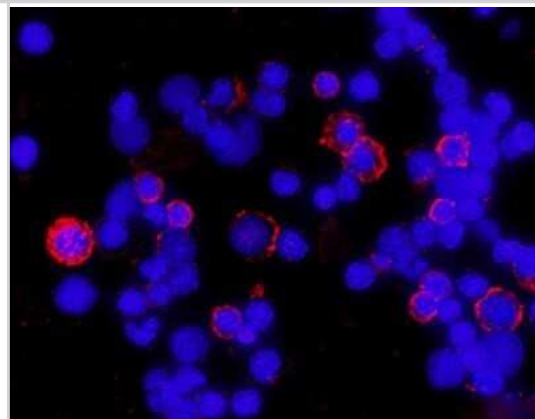
Product Information	
Unit Size	0.25 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	W3/25
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse CD4 Antibody (W3/25) - Azide and BSA Free (NB100-64988) is a monoclonal antibody validated for use in IHC, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	920
Gene Symbol	CD4
Species	Rat
Immunogen	Rat Thymocyte Membrane Glycoproteins

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Flow Cytometry, Flow (Cell Surface), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready
Recommended Dilutions	Flow Cytometry 1:100-1:200, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, Flow (Cell Surface), CyTOF-ready
Application Notes	PLP fixation is recommended for optimal results.

**Images**

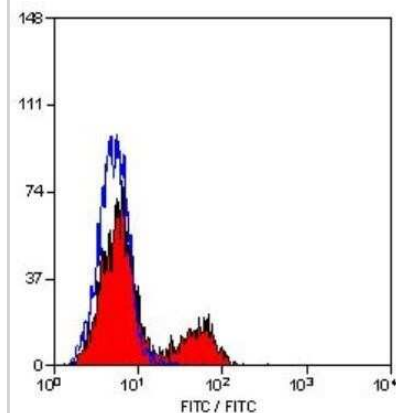
Immunocytochemistry/Immunofluorescence: CD4 Antibody (W3/25) - Azide and BSA Free [NBP2-80647] - Staining of rat splenocytes with CD4 (W3/25) antibody. Live cells were incubated with CD4 antibody on ice, then fixed with 2% formaldehyde prior to secondary antibody incubation. Image from the standard format of this antibody.



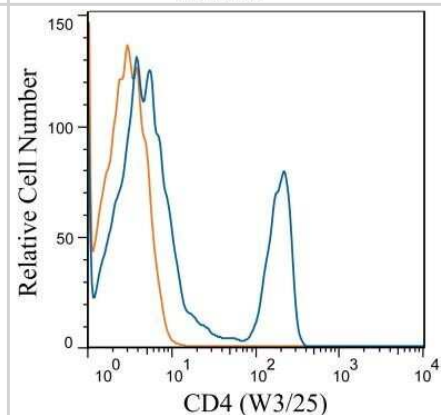
Immunohistochemistry: CD4 Antibody (W3/25) - Azide and BSA Free [NBP2-80647] - Staining of frozen rat spleen with Mouse anti Rat CD4. Image from the standard format of this antibody.



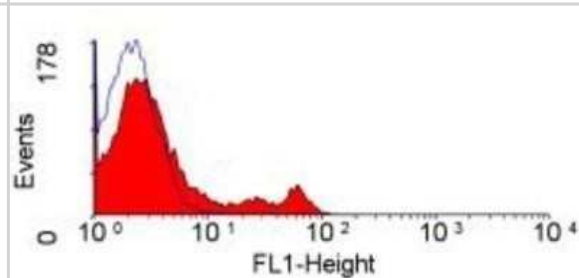
Flow Cytometry: CD4 Antibody (W3/25) - Azide and BSA Free [NBP2-80647] - Staining of stimulated rat spleen cells. Image from the standard format of this antibody.



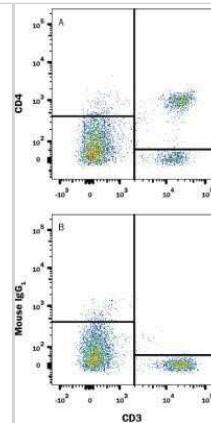
Flow (Cell Surface): CD4 Antibody (W3/25) - Azide and BSA Free [NBP2-80647] - Rat Splenocytes were stained with NB100-64988 (blue) and a matched isotype control NBP2-27287 (orange). Cells were incubated in an antibody dilution of 1 ug/mL for 20 minutes at room temperature. The antibodies were directly conjugated to Alex Fluor 488.



Flow Cytometry: CD4 Antibody (W3/25) - Azide and BSA Free [NBP2-80647] - Analysis using the Biotin conjugate of NB100-64988 (NB100-64988B), rat splenocytes were stained. Image from the standard format of this antibody.



Flow Cytometry: CD4 Antibody (W3/25) - Azide and BSA Free [NBP2-80647] - Detection of CD4 in Rat Splenocytes by Flow Cytometry. Rat splenocytes were stained with (A) Mouse Anti-Rat CD4 Monoclonal Antibody (Catalog # NB100-64988) or (B) Mouse IgG2A Isotype Control Antibody (Catalog # MAB003) followed by anti-Mouse IgG APC-conjugated secondary antibody (Catalog # F0101B) and Mouse Anti-Rat CD3 epsilon PE conjugated Monoclonal Antibody.





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### **Products Related to NBP2-80647**

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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)
NBP1-19371PEP	CD4 Antibody Blocking Peptide

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### **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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