

# Product Datasheet

## CD4 Antibody (YNB46.1.8 (Campath-9H)) - Azide and BSA Free NBP2-75900-0.2mg

Unit Size: 0.2 mg

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-75900](http://www.novusbio.com/NBP2-75900)

Updated 9/9/2025 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-75900](http://www.novusbio.com/reviews/destination/NBP2-75900)



**NBP2-75900-0.2mg**

CD4 Antibody (YNB46.1.8 (Campath-9H)) - 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	IgG1 Kappa
Purity	Protein A purified
Buffer	PBS

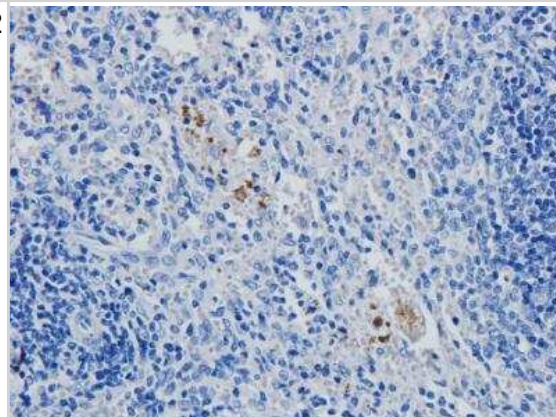
Product Description	
Description	Novus Biologicals Rat CD4 Antibody (YNB46.1.8 (Campath-9H)) - Azide and BSA Free (NBP2-75900) is a monoclonal antibody validated for use in IHC and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rat
Gene ID	920
Gene Symbol	CD4
Species	Human
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	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen

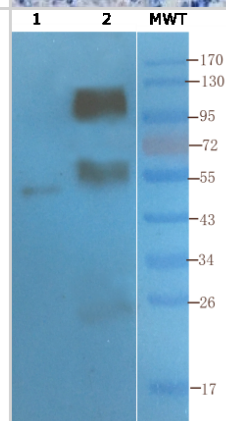


## Images

Immunohistochemistry: CD4 Antibody (YNB46.1.8 (Campath-9H)) [NBP2-75900] - Anti-CD4 staining of formaldehyde fixed paraffin embedded rabbit spleen tissue, at 40x magnification. The rat IgG1-chimeric version of YNB46.1.8 (NBP2-75900) was used to stain samples at a concentration of 5 ug/ml.



Western Blot: CD4 Antibody (YNB46.1.8 (Campath-9H)) - Azide and BSA Free [NBP2-75900] - Mouse thymus (lane 1) and mouse spleen (lane 2) were resolved on a 10% SDS PAGE gel and blots probed with NBP2-75900 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.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-75900-0.2mg**

---

HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NB7115	Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]
NBP1-43322-0.5mg	Rat IgG1 Kappa Light Chain Isotype Control (RG1)
NBP1-19371PEP	CD4 Antibody Blocking Peptide

---

### **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](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-75900](http://www.novusbio.com/reviews/submit/NBP2-75900)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

