

# Product Datasheet

## CD8 Antibody (C8/144B)

**NBP2-32836-0.1mg**

Unit Size: 0.1 mg

Store at 4C.

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

### Publications: 3

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**NBP2-32836-0.1mg**

CD8 Antibody (C8/144B)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	C8/144B
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	32 kDa

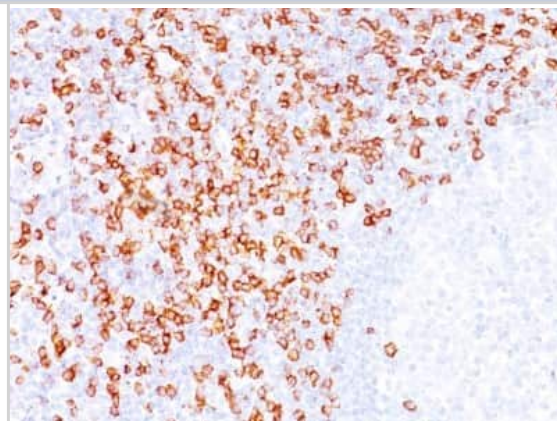
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-34588)  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	925
Gene Symbol	CD8A
Species	Human
Marker	Cytotoxic / Suppressor T-Cell Marker
Immunogen	A 13 amino acid peptide from C-terminal cytoplasmic domain of alpha chain of human CD8 molecule. (Uniprot: P01732)

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry 1-2 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

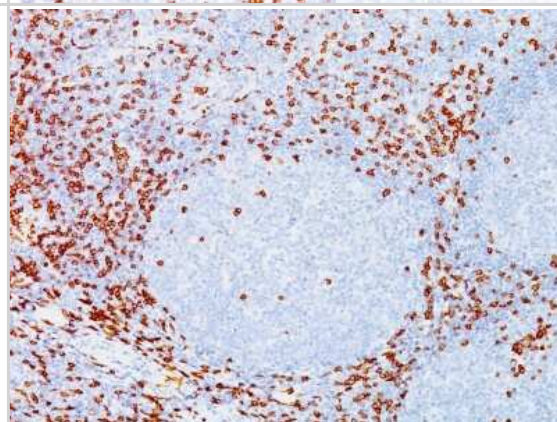


## Images

Immunohistochemistry-Paraffin: CD8 Antibody (C8/144B) [NBP2-32836]  
- Formalin-fixed, paraffin-embedded human Tonsil stained with CD8 Antibody (C8/144B).



Immunohistochemistry-Paraffin: CD8 Antibody (C8/144B) [NBP2-32836]  
- Formalin-fixed, paraffin-embedded human Tonsil stained with CD8 Antibody (C8/144B).



## Publications

Zhang Q, Zong L, Zhang H Et al. B7-H4 Expression in Precancerous Lesions of the Uterine Cervix Biomed Res Int 2021-10-15 [PMID: 34651047] (ICC/IF, Human)

Details:

Citation using the Azide and BSA Free version of this antibody.

Sun F, Cui L, Li T et al. Oxaliplatin induces immunogenic cells death and enhances therapeutic efficacy of checkpoint inhibitor in a model of murine lung carcinoma J Recept Signal Transduct Res. 2019-06-01 [PMID: 31441696] (FLOW)

Details:

Citation used the Azide and BSA Free format of this antibody.

Chen Y, Traore YL, Yang S et al. Implant delivering hydroxychloroquine attenuates vaginal T lymphocyte activation and inflammation. J Control Release. 2018-03-13 [PMID: 29545105] (FLOW, Human)

Details:

Citation using the DyLight 488 form of this antibody.



### **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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-32836-0.1mg**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-34588AF405	CD8 Antibody (C8/144B) [Alexa Fluor® 405]

### **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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