

# Product Datasheet

## CD11b Antibody (CL1719) - BSA Free NBP2-34490

Unit Size: 0.1 ml

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

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### Publications: 1

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Updated 2/27/2025 v.20.1

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**NBP2-34490**

CD11b Antibody (CL1719) - BSA Free

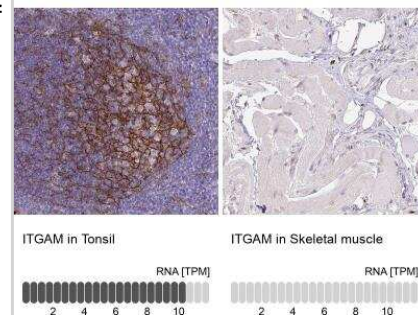
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL1719
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	127.2 kDa

Product Description	
Host	Mouse
Gene ID	3684
Gene Symbol	ITGAM
Species	Human
Marker	Microglia Marker, Macrophage Marker
Immunogen	This antibody was developed using a recombinant protein derived from P11215, with the exact immunogen sequence remaining proprietary.

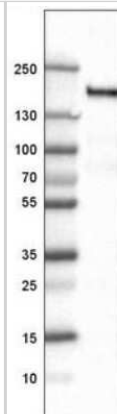
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

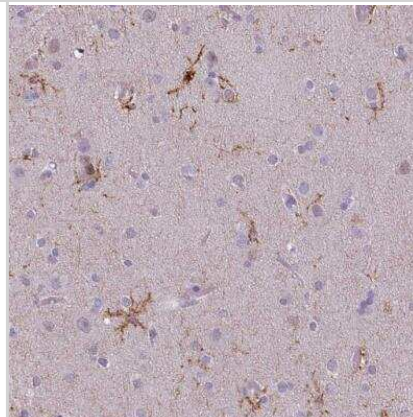
Immunohistochemistry-Paraffin: CD11b Antibody (CL1719) [NBP2-34490] - Immunohistochemical staining in paraffin-embedded sections of human tonsil and skeletal muscle tissues using [NBP2-34490]. Corresponding ITGAM RNA-seq data are presented for the same tissues.



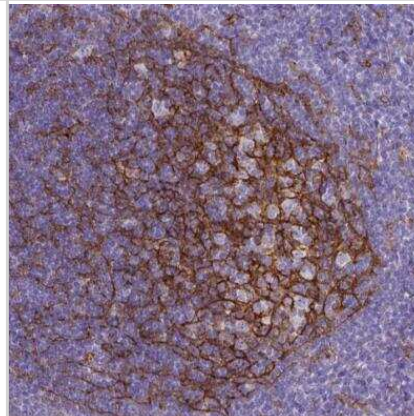
Western Blot: CD11b Antibody (CL1719) [NBP2-34490] - Western Blot analysis using CD11b Antibody (CL1719) [NBP2-34490]. Lane 1: Marker [kDa] Lane 2: Human tonsil. Detection at ~190 kDa.



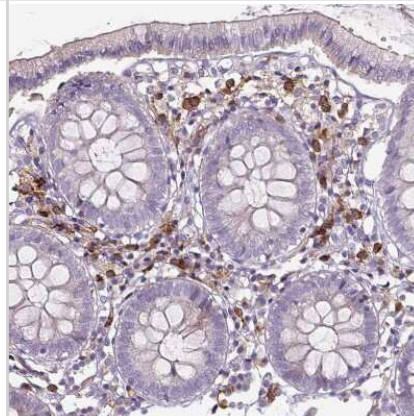
Immunohistochemistry-Paraffin: CD11b Antibody (CL1719) [NBP2-34490] - Immunohistochemical staining in paraffin-embedded sections of human cerebral cortex using CD11b Antibody (CL1719) [NBP2-34490] shows moderate membranous positivity in microglia.



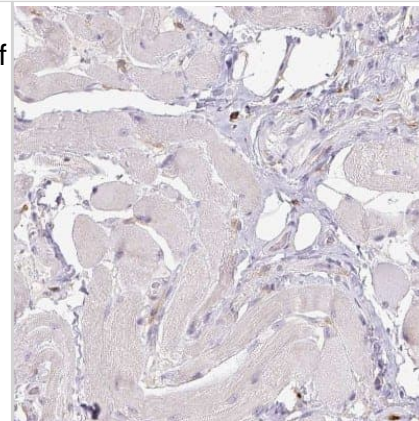
Immunohistochemistry-Paraffin: CD11b Antibody (CL1719) [NBP2-34490] - Immunohistochemical staining in paraffin-embedded sections of human tonsil using CD11b Antibody (CL1719) [NBP2-34490] shows strong membranous positivity in germinal center cells.



Immunohistochemistry-Paraffin: CD11b Antibody (CL1719) [NBP2-34490] - Immunohistochemical staining of human colon using CD11b Antibody (CL1719) [NBP2-34490] shows moderate membranous positivity in lymphoid cells.



Immunohistochemistry-Paraffin: CD11b Antibody (CL1719) [NBP2-34490] - Immunohistochemical staining of Paraffin-embedded sections of human skeletal muscle using CD11b Antibody (CL1719) [NBP2-34490] shows no positivity in striated muscle fibers as expected.



## Publications

Aung TN, Gavrielatou N, Vathiotis IA et al. Quantitative, Spatially Defined Expression of Leukocyte-associated Immunoglobulin-like Receptor in Non-small Cell Lung Cancer Cancer research communications 2023-03-01 [PMID: 36960400] (Immunohistochemistry, Human)



### **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 NBP2-34490**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB110-89474PEP	CD11b 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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