

Product Datasheet

CD45 Antibody (CL0159) - BSA Free NBP2-52868

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-52868

Updated 12/2/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-52868



NBP2-52868

CD45 Antibody (CL0159) - BSA Free

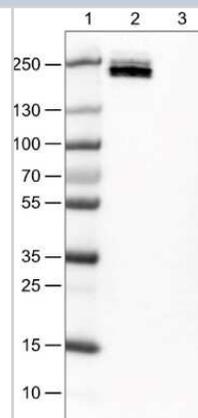
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0159
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	147 kDa

Product Description	
Description	Novus Biologicals Mouse CD45 Antibody (CL0159) - BSA Free (NBP2-52868) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5788
Gene Symbol	PTPRC
Species	Human
Immunogen	This antibody was developed using a recombinant protein derived from P08575, with the exact immunogen sequence remaining proprietary.

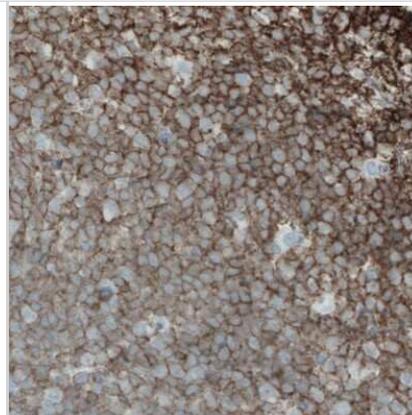
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

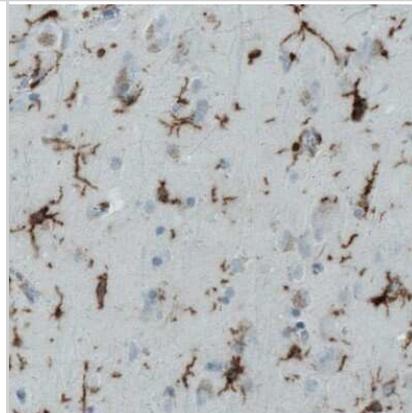
Western Blot: CD45 Antibody (CL0159) [NBP2-52868] - Western Blot analysis using CD45 antibody (CL0159) [NBP2-52868]. Lane 1: Marker [kDa], Lane 2: Human tonsil tissue lysate. Observed molecular weight ~200 kDa.



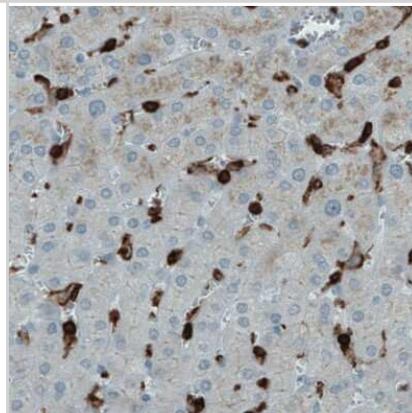
Immunohistochemistry-Paraffin: CD45 Antibody (CL0159) [NBP2-52868]
- Staining of human tonsil with CD45 antibody (CL0159) [NBP2-52868]
shows strong membranous immunoreactivity in lymphoid cells.



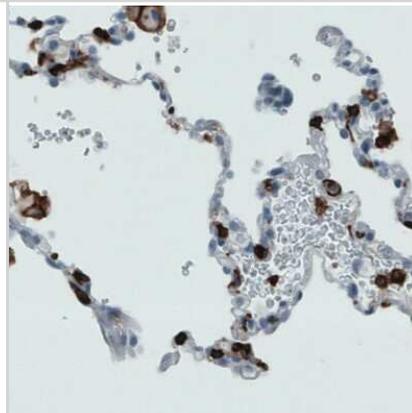
Immunohistochemistry-Paraffin: CD45 Antibody (CL0159) [NBP2-52868]
- Staining of human cortex using CD45 antibody (CL0159) [NBP2-52868]
shows strong immunoreactivity in microglia.



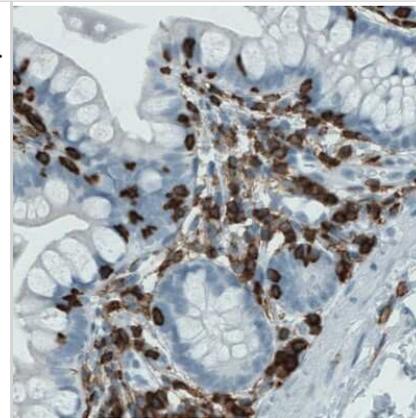
Immunohistochemistry-Paraffin: CD45 Antibody (CL0159) [NBP2-52868]
- Staining of human liver with CD45 antibody (CL0159) [NBP2-52868]
shows strong positivity in Kupffer cells.



Immunohistochemistry-Paraffin: CD45 Antibody (CL0159) [NBP2-52868]
- Staining of human lung with CD45 antibody (CL0159) [NBP2-52868]
shows strong membranous positivity in macrophages.



Immunohistochemistry-Paraffin: CD45 Antibody (CL0159) [NBP2-52868]
- Staining of human small intestine with CD45 antibody (CL0159) [NBP2-52868] shows strong immunoreactivity in lymphoid cells.





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 NBP2-52868

NBP2-52868PEP	CD45 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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)

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-52868

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

