

Product Datasheet

CD45 Antibody (CL0159) - Azide and BSA Free NBP3-44488

Unit Size: 100 ug

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

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NBP3-44488

CD45 Antibody (CL0159) - Azide and BSA Free

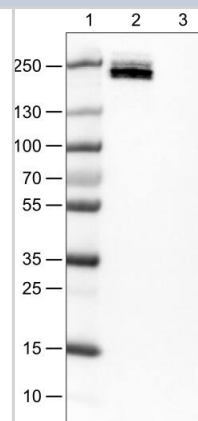
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0159
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Description	Novus Biologicals Mouse CD45 Antibody (CL0159) - Azide and 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 generated using a recombinant protein sequence of P08575, with the exact immunogen sequence remaining proprietary.

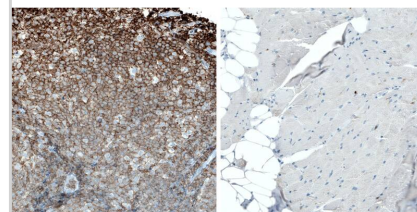
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

Lane 1: Marker [kDa]
 Lane 2: Human cell line Jurkat
 Lane 3: Human cell line MCF-7

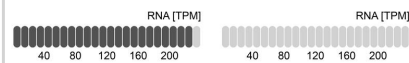


Analysis in human tonsil and skeletal muscle tissues using NBP3-44488 antibody. Corresponding PTPRC RNA-seq data are presented for the same tissues.

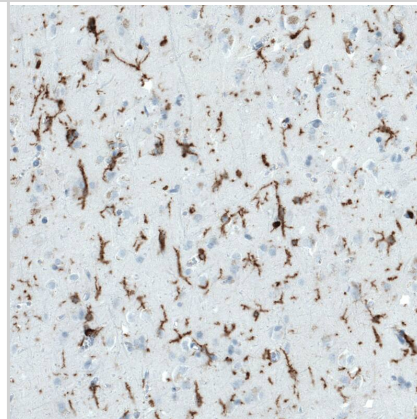


PTPRC in Tonsil

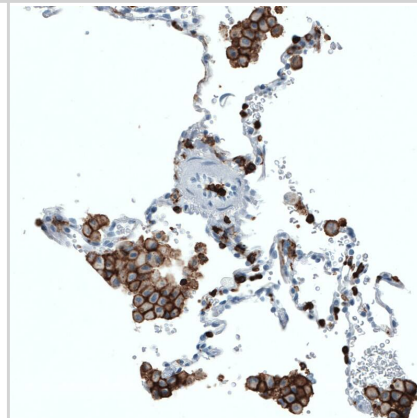
PTPRC in Skeletal muscle



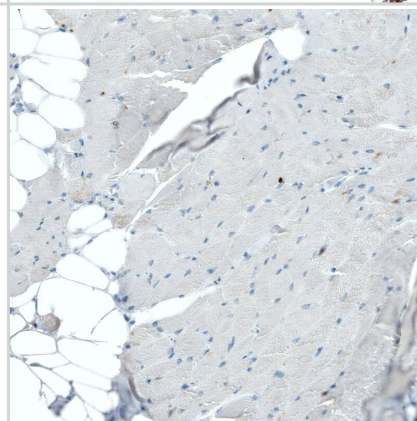
Staining of human cerebral cortex shows strong positivity in microglia.



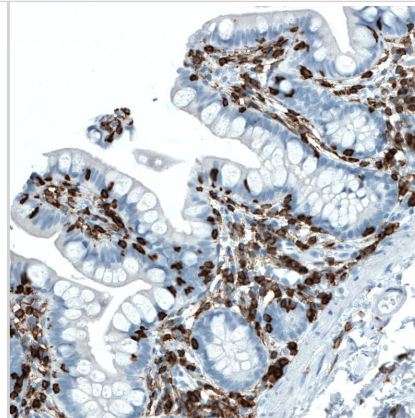
Staining of human lung shows strong membranous positivity in macrophages.



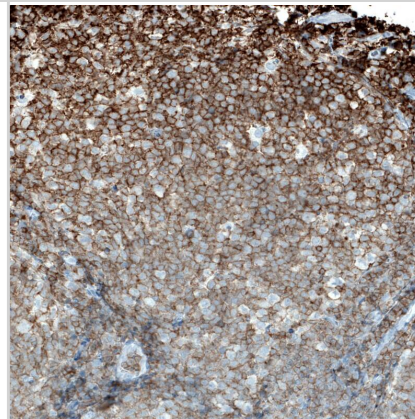
Staining of human skeletal muscle shows no positivity in myocytes as expected.



Staining of human small intestine shows strong membranous positivity in lymphoid cells.



Staining of human tonsil shows moderate to strong membranous positivity in lymphoid cells.





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Products Related to NBP3-44488

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

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