

Product Datasheet

CD4 Antibody (CL0395) - Azide and BSA Free NBP3-44029

Unit Size: 100 ug

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

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NBP3-44029

CD4 Antibody (CL0395) - Azide and BSA Free

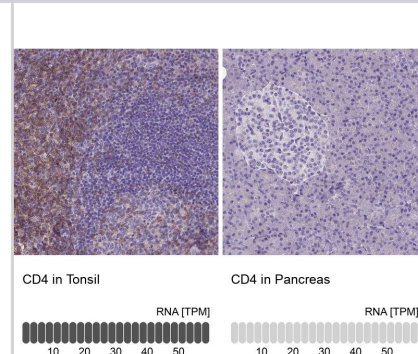
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0395
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 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 CD4 Antibody (CL0395) - Azide and BSA Free (NBP2-52928) 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	920
Gene Symbol	CD4
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of P01730, with the exact immunogen sequence remaining proprietary.

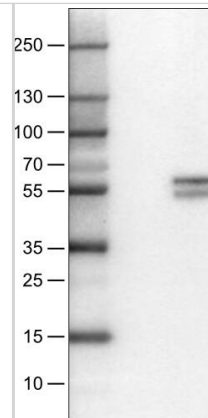
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

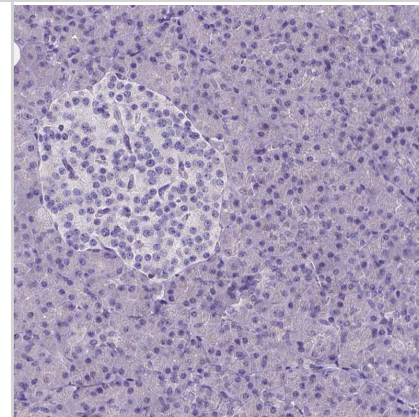
Analysis in human tonsil and pancreas tissues using NBP3-44029 antibody. Corresponding CD4 RNA-seq data are presented for the same tissues.



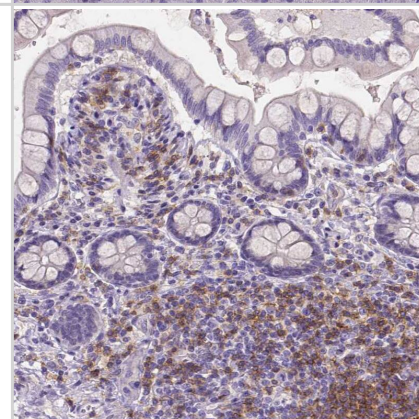
Lane 1: Marker [kDa]
Lane 2: Negative control (vector only transfected HEK293T)
Lane 3: CD4 Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells)



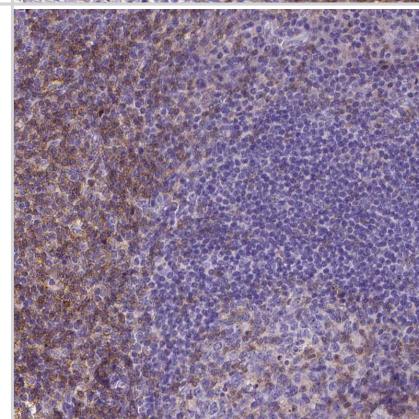
Staining of human pancreas shows no positivity in either islets of Langerhans or exocrine glandular cells as expected.



Staining of human small intestine shows moderate membranous and cytoplasmic positivity in lymphoid cells.



Staining of human tonsil shows moderate membranous and cytoplasmic positivity, mainly in non - germinal center cells.





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Products Related to NBP3-44029

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.

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