

# Product Datasheet

## CD4 Antibody (CL0395) - BSA Free NBP2-52928

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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**NBP2-52928**

CD4 Antibody (CL0395) - BSA Free

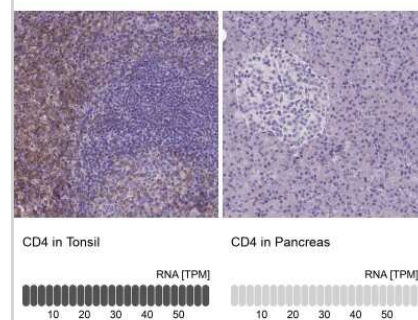
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0395
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Mouse
Gene ID	920
Gene Symbol	CD4
Species	Human
Immunogen	This antibody was developed using a recombinant protein derived from P01730, with the exact immunogen sequence remaining proprietary.

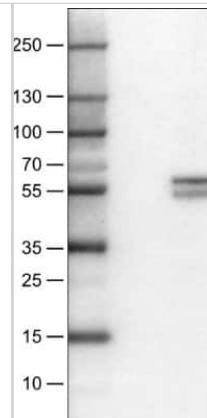
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

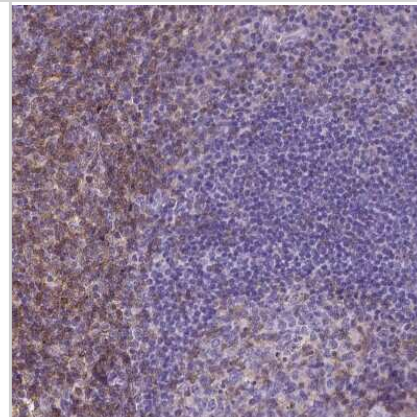
Immunohistochemistry-Paraffin: CD4 Antibody (CL0395) [NBP2-52928] - Staining in human tonsil and pancreas tissues. Corresponding CD4 RNA-seq data are presented for the same tissues.



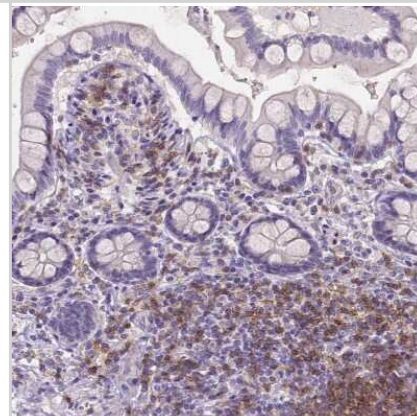
Western Blot: CD4 Antibody (CL0395) [NBP2-52928] - Lane 1: Marker [kDa], Lane 2: Negative control (vector only transfected HEK293T), Lane 3: CD4 Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells)



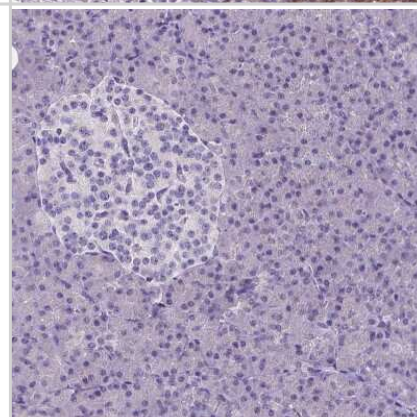
Immunohistochemistry-Paraffin: CD4 Antibody (CL0395) [NBP2-52928] - Staining of human tonsil shows moderate membranous and cytoplasmic positivity, mainly in non-germinal center cells.



Immunohistochemistry-Paraffin: CD4 Antibody (CL0395) [NBP2-52928] - Staining of human small intestine shows moderate membranous and cytoplasmic positivity in lymphoid cells.



Immunohistochemistry-Paraffin: CD4 Antibody (CL0395) [NBP2-52928] - Staining of human pancreas shows no positivity in either islets of Langerhans or exocrine glandular cells as expected.





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### **Products Related to NBP2-52928**

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NBP2-52928PEP	CD4 Recombinant Protein Antigen
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)

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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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