

# 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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Updated 2/27/2025 v.20.1

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**NBP2-52928**

CD4 Antibody (CL0395) - BSA Free

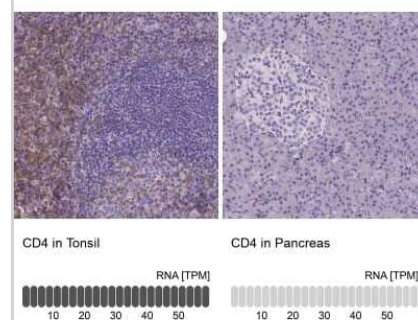
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0395
Preservative	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.

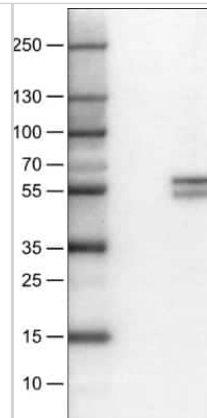
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

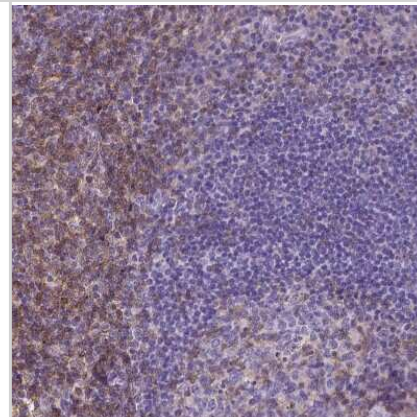
Immunohistochemistry-Paraffin: CD4 Antibody (CL0395) [NBP2-52928] - Staining in human tonsil and pancreas tissues. Corresponding CD4 RNA-seq data are presented for the same tissues.



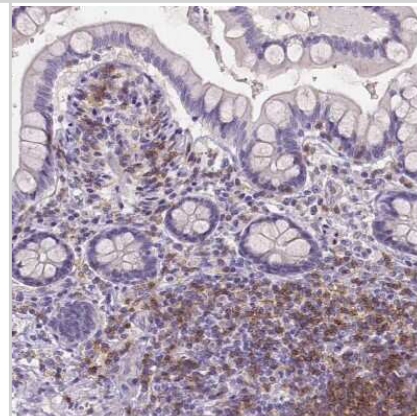
Western Blot: CD4 Antibody (CL0395) [NBP2-52928] - Lane 1: Marker [kDa], Lane 2: Negative control (vector only transfected HEK293T), Lane 3: CD4 Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells)



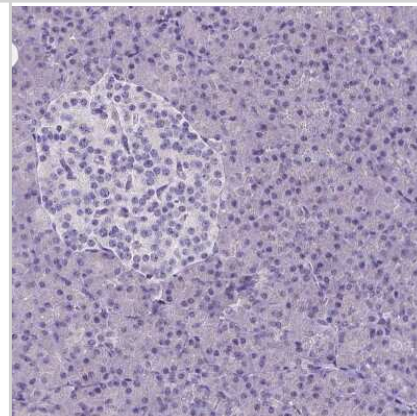
Immunohistochemistry-Paraffin: CD4 Antibody (CL0395) [NBP2-52928] - Staining of human tonsil shows moderate membranous and cytoplasmic positivity, mainly in non-germinal center cells.



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]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
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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