

Product Datasheet

CD4 Antibody NBP1-86143

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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NBP1-86143

CD4 Antibody

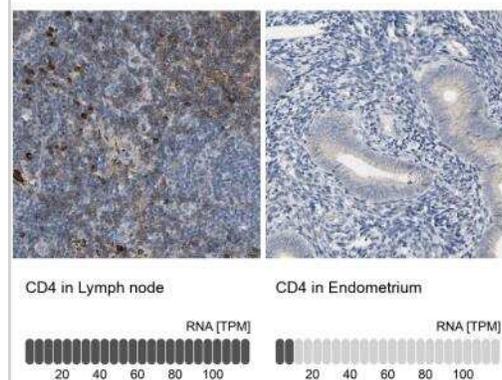
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	920
Gene Symbol	CD4
Species	Human, Drosophila
Reactivity Notes	Drosophila reactivity reported in scientific literature (PMID: 26635273).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RASSSKSWITFDLKNKEVSVKRVTQDPKLMGKKLPLHLTLPQALPQYAGSGN LTLALEAKTGKLVHVEVNLVVMRATQLQKNLTCEVWGPTSPKLMLSLKLENKEA KVKREKAVVVLNPEAGMWQCLLSDSGQVLLSNIKVLPTWS

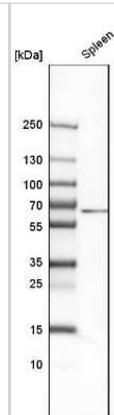
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry Whole-Mount
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50-1:200, Immunohistochemistry Whole-Mount 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Use in Immunohistochemistry-Whole mount reported in scientific literature (PMID 26635273).

Images

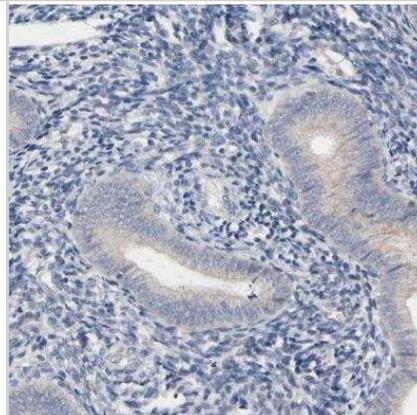
Immunohistochemistry-Paraffin: CD4 Antibody [NBP1-86143] - Analysis in human lymph node and endometrium tissues. Corresponding CD4 RNA-seq data are presented for the same tissues.



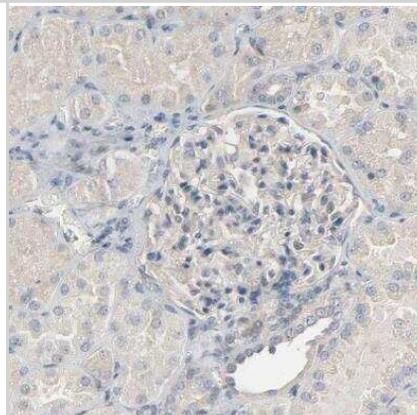
Western Blot: CD4 Antibody [NBP1-86143] - Analysis in human spleen tissue.



Immunohistochemistry-Paraffin: CD4 Antibody [NBP1-86143] - Staining of human endometrium shows negative membranous positivity in a subset of glandular cells.



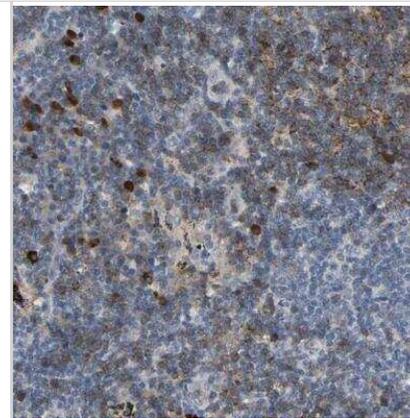
Immunohistochemistry-Paraffin: CD4 Antibody [NBP1-86143] - Staining of human kidney shows negative membranous positivity in a subset of cells in glomeruli.



Immunohistochemistry-Paraffin: CD4 Antibody [NBP1-86143] - Staining of human small intestine shows negative membranous positivity in a subset of glandular cells.



Immunohistochemistry-Paraffin: CD4 Antibody [NBP1-86143] - Staining of human lymph node shows moderate membranous positivity in non-germinal center cells.



Publications

Li Y, Chen PJ, Lin TY et al. Neural mechanism of spatio-chromatic opponency in the *Drosophila* amacrine neurons
Current biology : CB 2021-05-18 [PMID: 34033749]

Liu C, Meng Z, Wiggin TD et al. A Serotonin-Modulated Circuit Controls Sleep Architecture to Regulate Cognitive Function Independent of Total Sleep in *Drosophila* Curr. Biol. 2019-10-04 [PMID: 31668619] (IHC-WhMt, *Drosophila*)

Macpherson LJ, Zaharieva EE, Kearney PJ et al. Dynamic labelling of neural connections in multiple colours by trans-synaptic fluorescence complementation. Nat Commun. 2015-12-04 [PMID: 26635273] (IHC-WhMt, *Drosophila*)

Kato BS, Nicholson G, Neiman M et al. Variance decomposition of protein profiles from antibody arrays using a longitudinal twin model. Proteome Sci 2011-11-17 [PMID: 22093360]



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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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