

# Product Datasheet

## CD5 Antibody (CL12420)

### NBP3-21215-100ul

Unit Size: 100 ul

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

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**NBP3-21215-100ul**

CD5 Antibody (CL12420)

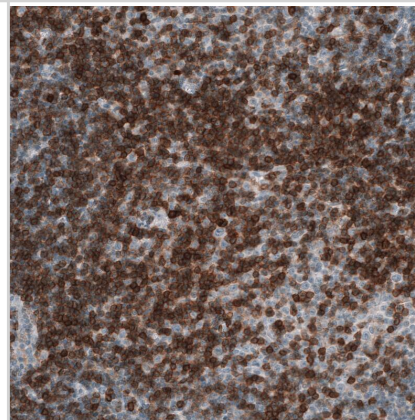
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL12420
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS, pH 7.2, 40% glycerol

Product Description	
Host	Mouse
Gene ID	921
Gene Symbol	CD5
Species	Human
Immunogen	This antibody was developed using a synthetic peptide derived from P06127, with the exact immunogen sequence remaining proprietary.

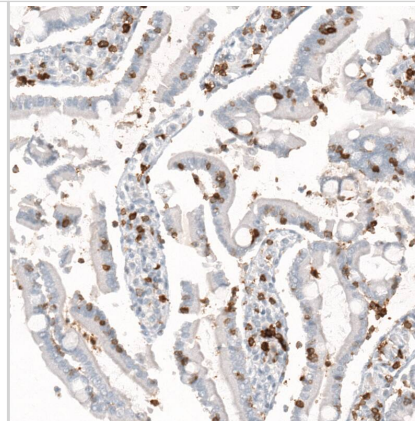
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:1000- 1:2500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:1000- 1:2500
Application Notes	ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

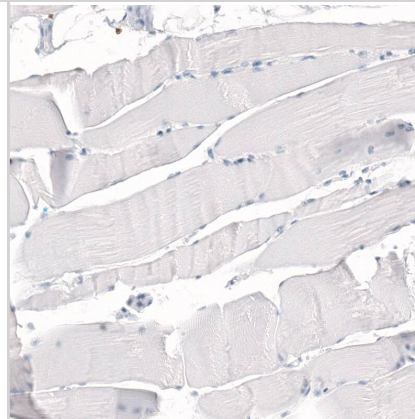
Staining of human chronic lymphocytic leukemia shows strong membranous positivity in tumor cells.



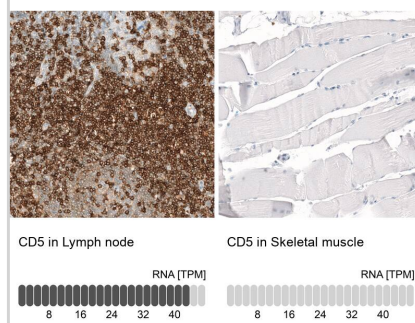
Staining of human small intestine shows strong membranous positivity in lymphoid cells.



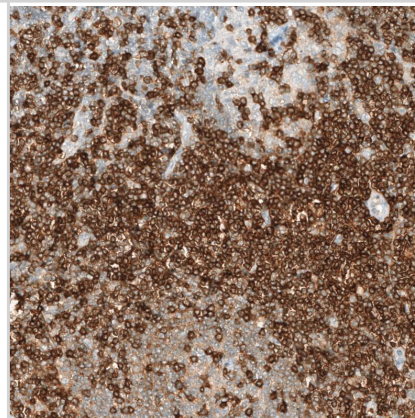
Staining of human skeletal muscle shows no positivity in myocytes as expected.



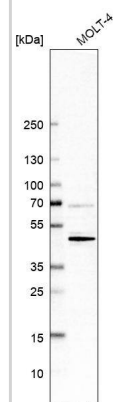
Analysis in human lymph node and skeletal muscle tissues using NBP3-21215 antibody. Corresponding CD5 RNA-seq data are presented for the same tissues.



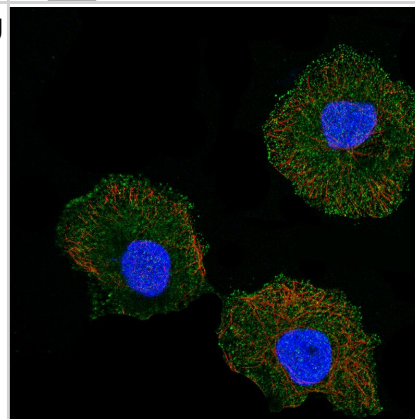
Staining of human lymph node shows strong membranous positivity in germinal and non-germinal center cells.



Analysis in human cell line MOLT-4.



Staining of A-431 cells using the Anti-CD5 monoclonal antibody, showing localization in plasma membrane in green. Microtubule- and nuclear probes are visualized in red and blue, respectively.





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### **Products Related to NBP3-21215-100ul**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP2-38900PEP	CD5 Recombinant Protein Antigen

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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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