

# Product Datasheet

## CD5 Antibody (CL12334)

### NBP3-15133-100ul

Unit Size: 100 ul

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

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**NBP3-15133-100ul**

CD5 Antibody (CL12334)

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL12334
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2b
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.2), 40% glycerol

**Product Description**

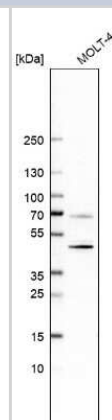
<b>Host</b>	Mouse
<b>Gene ID</b>	921
<b>Gene Symbol</b>	CD5
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed using a synthetic peptide derived from P06127, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

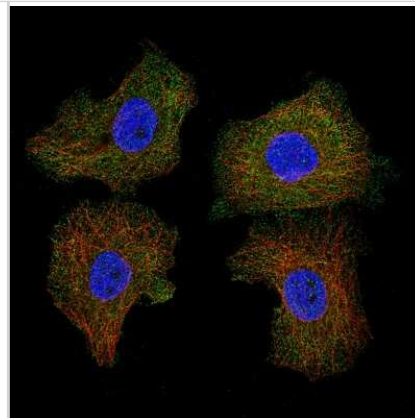
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunohistochemistry 1:1000- 1:2500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence, PFA/Triton X-100 is recommended for fixation/permeabilization.

**Images**

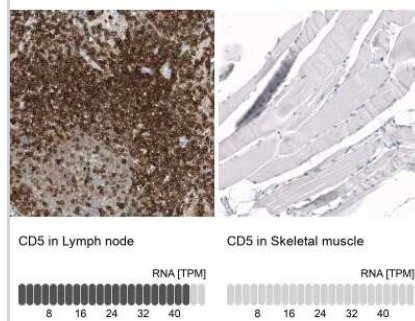
Western Blot: CD5 Antibody (CL12334) [NBP3-15133] - Analysis in human cell line MOLT-4.



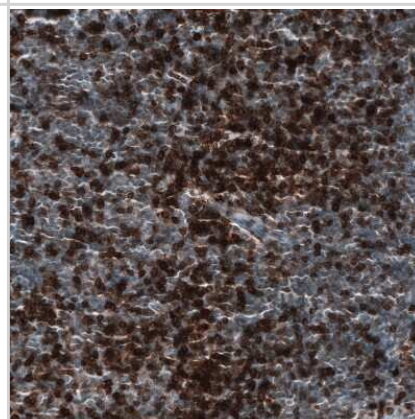
**Immunocytochemistry/Immunofluorescence: CD5 Antibody (CL12334) [NBP3-15133]** - Staining of A-431 cells using the Anti-CD5 monoclonal antibody, showing localization in plasma membrane in green. Microtubule- and nuclear probes are visualized in red and blue, respectively.



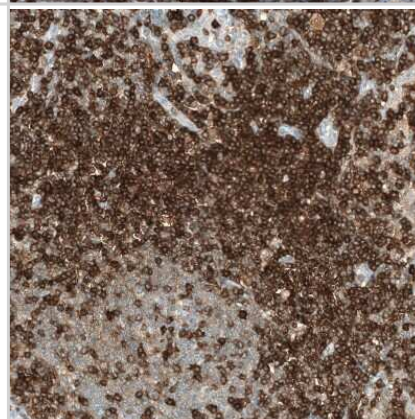
**Immunohistochemistry-Paraffin: CD5 Antibody (CL12334) [NBP3-15133]** - Analysis in human lymph node and skeletal muscle tissues using NBP3-15133 antibody. Corresponding CD5 RNA-seq data are presented for the same tissues.



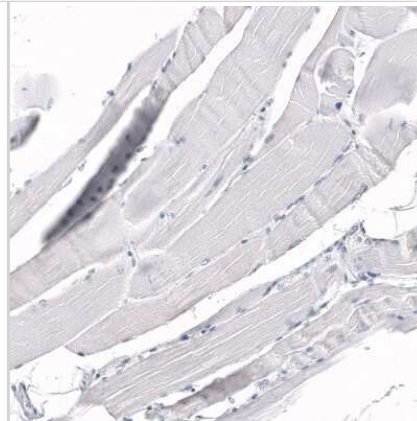
**Immunohistochemistry-Paraffin: CD5 Antibody (CL12334) [NBP3-15133]** - Staining of human chronic lymphocytic leukemia shows strong membranous positivity in tumor cells.



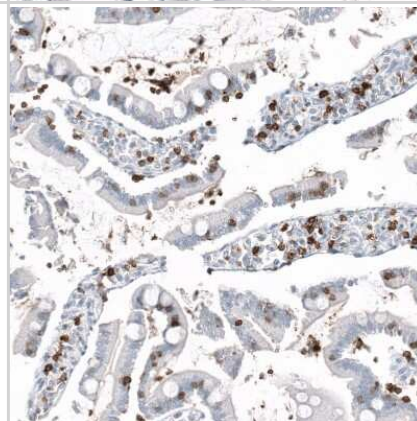
**Immunohistochemistry-Paraffin: CD5 Antibody (CL12334) [NBP3-15133]** - Staining of human lymph node shows strong membranous positivity in germinal non-germinal center cells.



Immunohistochemistry-Paraffin: CD5 Antibody (CL12334) [NBP3-15133]  
- Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: CD5 Antibody (CL12334) [NBP3-15133]  
- Staining of human small intestine shows strong membranous positivity in lymphoid cells.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP3-15133-100ul**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
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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