

# Product Datasheet

## Claudin-3 Antibody (CL13128)

### NBP3-18577-100ul

Unit Size: 100 ul

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP3-18577](http://www.novusbio.com/NBP3-18577)

Updated 2/27/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP3-18577](http://www.novusbio.com/reviews/destination/NBP3-18577)



**NBP3-18577-100ul**

Claudin-3 Antibody (CL13128)

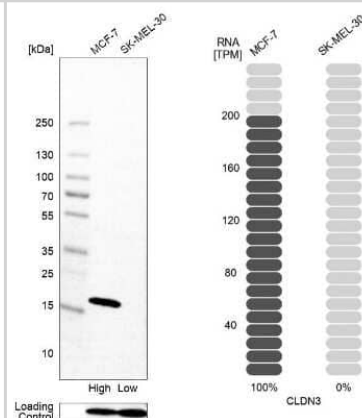
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL13128
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS, pH 7.2, 40% glycerol

Product Description	
Host	Mouse
Gene ID	1365
Gene Symbol	CLDN3
Species	Human
Immunogen	This antibody was developed using a synthetic peptide derived from O15551, with the exact immunogen sequence remaining proprietary.

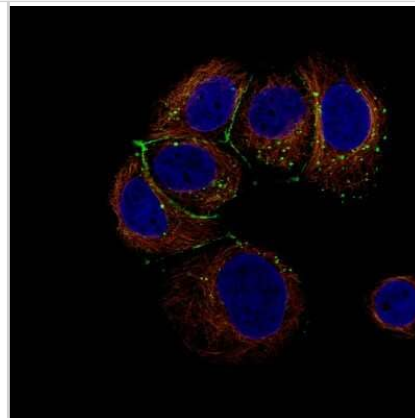
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For use with IHC-Paraffin, HIER pH 6 retrieval is recommended. For use with ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

**Images**

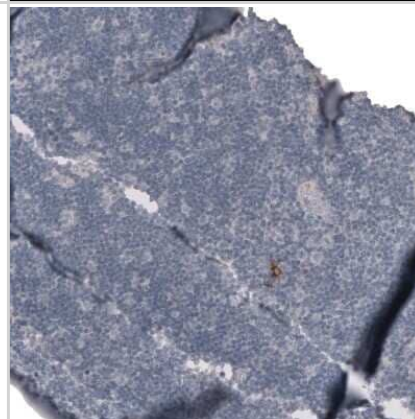
Western Blot: Claudin-3 Antibody (CL13128) [NBP3-18577] - Analysis in human cell line MCF-7 and human cell line SK-MEL-30.



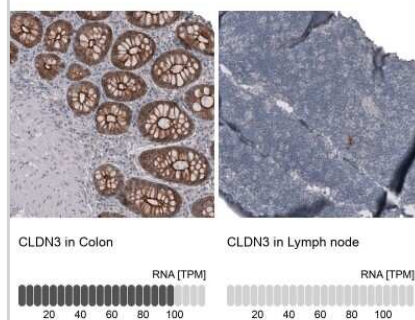
**Immunocytochemistry/Immunofluorescence: Claudin-3 Antibody (CL13128) [NBP3-18577]** - Staining of MCF-7 cells using the Anti-CLDN3 monoclonal antibody, showing specific staining in cell junctions in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



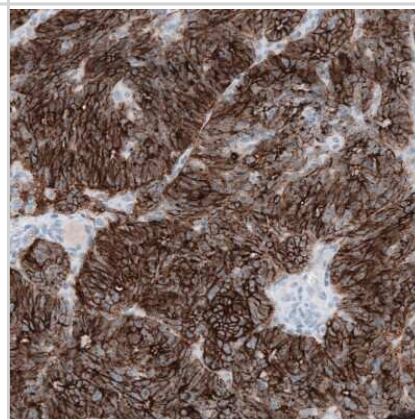
**Immunohistochemistry-Paraffin: Claudin-3 Antibody (CL13128) [NBP3-18577]** - Staining of human lymph node shows no positivity in non-germinal center cells as expected.



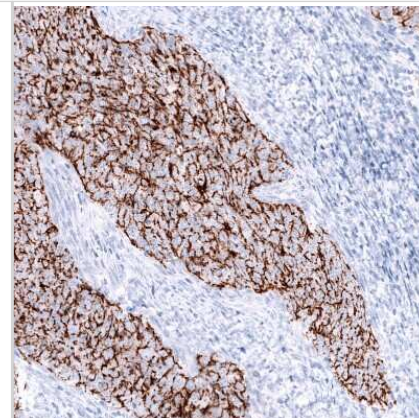
**Immunohistochemistry-Paraffin: Claudin-3 Antibody (CL13128) [NBP3-18577]** - Analysis in human colon and lymph node tissues using NBP3-18577 antibody. Corresponding CLDN3 RNA-seq data are presented for the same tissues.



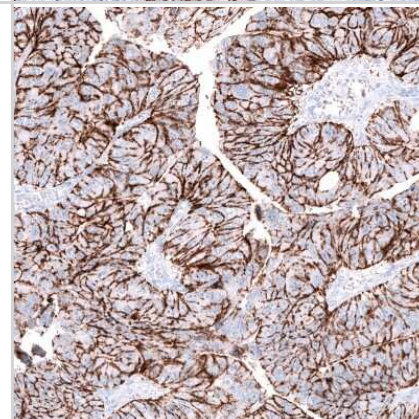
**Immunohistochemistry-Paraffin: Claudin-3 Antibody (CL13128) [NBP3-18577]** - Staining of human ovarian cancer (endometrioid carcinoma) shows strong membranous positivity in tumor cells.



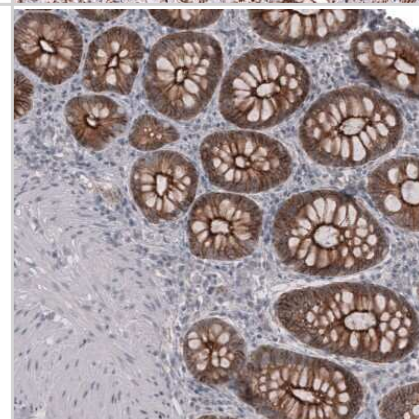
Immunohistochemistry-Paraffin: Claudin-3 Antibody (CL13128) [NBP3-18577] - Staining of human endometrial cancer shows strong membranous positivity in tumor cells.



Immunohistochemistry-Paraffin: Claudin-3 Antibody (CL13128) [NBP3-18577] - Staining of human colorectal cancer (metastasis to ovary) shows strong membranous positivity in tumor cells.



Immunohistochemistry-Paraffin: Claudin-3 Antibody (CL13128) [NBP3-18577] - Staining of human colon shows moderate to strong membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: Claudin-3 Antibody (CL13128) [NBP3-18577] - Staining of human prostate shows strong membranous positivity in glandular 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  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP3-18577-100ul**

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)
H00001365-P01-10ug	Recombinant Human Claudin-3 GST (N-Term) Protein

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP3-18577](http://www.novusbio.com/reviews/submit/NBP3-18577)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

