

# Product Datasheet

## Occludin Antibody (CL1567) - BSA Free NBP2-52972

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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**NBP2-52972**

Occludin Antibody (CL1567) - BSA Free

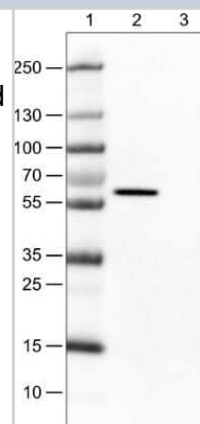
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL1567
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Mouse Occludin Antibody (CL1567) - BSA Free (NBP2-52972) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	100506658
Gene Symbol	OCLN
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (85%), Rat (83%).
Immunogen	This antibody was developed using a recombinant protein derived from Q16625, with the exact immunogen sequence remaining proprietary.

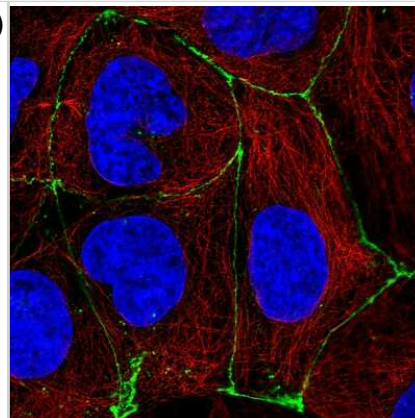
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

**Images**

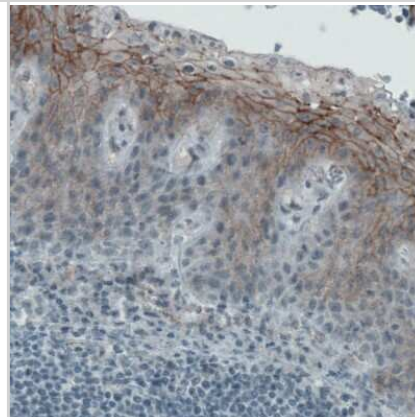
Western Blot: Occludin Antibody (CL1567) [NBP2-52972] - Lane 1: Marker [kDa], Lane 2: Negative control (vector only transfected HEK293T lysate), Lane 3: OCLN Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells)



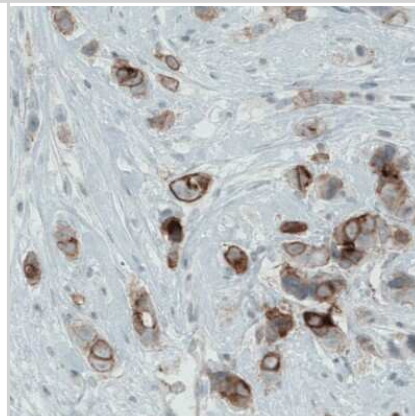
Immunocytochemistry/Immunofluorescence: Occludin Antibody (CL1567) [NBP2-52972] - Staining of CACO-2 cells using the Anti-OCLN monoclonal antibody, showing specific staining in cell junctions in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



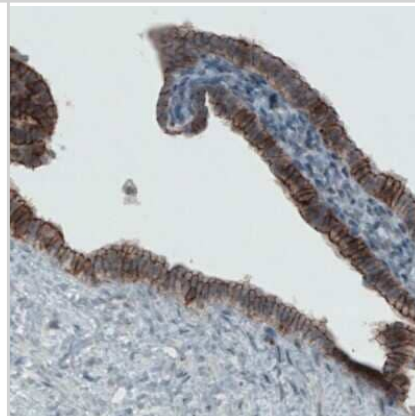
Immunohistochemistry-Paraffin: Occludin Antibody (CL1567) [NBP2-52972] - Staining of human tonsil shows membranous immunoreactivity in squamous epithelium cells.



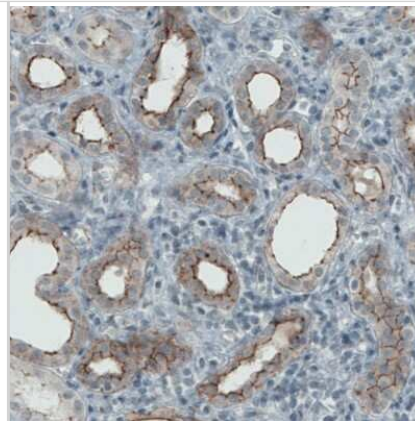
Immunohistochemistry-Paraffin: Occludin Antibody (CL1567) [NBP2-52972] - Staining of human breast cancer shows membranous immunoreactivity in tumor cells.



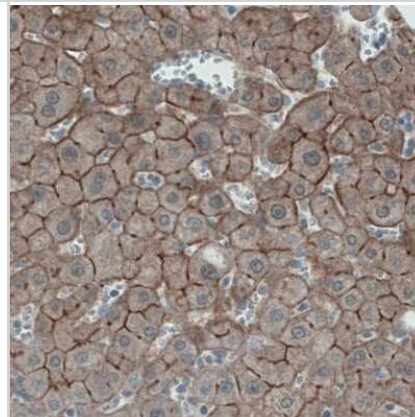
Immunohistochemistry-Paraffin: Occludin Antibody (CL1567) [NBP2-52972] - Staining of human fallopian tube shows strong membranous immunoreactivity in glandular cells.



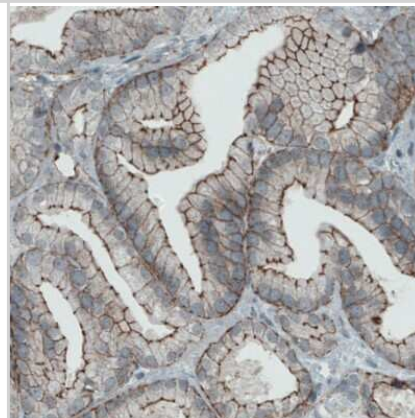
Immunohistochemistry-Paraffin: Occludin Antibody (CL1567) [NBP2-52972] - Staining of human kidney shows membranous positivity in renal tubules.



Immunohistochemistry-Paraffin: Occludin Antibody (CL1567) [NBP2-52972] - Staining of human liver shows membranous immunoreactivity in hepatocytes.



Immunohistochemistry-Paraffin: Occludin Antibody (CL1567) [NBP2-52972] - Staining of human prostate cancer shows membranous positivity in tumor 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 NBP2-52972**

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NBP2-52972PEP	Occludin Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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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