

# Product Datasheet

## Tight Junction Protein 1 Antibody (HL1185) - Azide and BSA Free NBP3-25774

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/NBP3-25774](http://www.novusbio.com/NBP3-25774)

Updated 9/9/2025 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/NBP3-25774](http://www.novusbio.com/reviews/destination/NBP3-25774)



**NBP3-25774**

Tight Junction Protein 1 Antibody (HL1185) - Azide and BSA Free

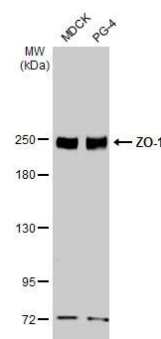
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	HL1185
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rabbit Tight Junction Protein 1 Antibody (HL1185) - Azide and BSA Free (NBP3-25774) is a recombinant monoclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7082
Gene Symbol	TJP1
Species	Human, Mouse, Rat, Canine, Feline
Immunogen	Recombinant protein encompassing a sequence within the N-terminus region of human Tight Junction Protein 1. The exact sequence is proprietary.

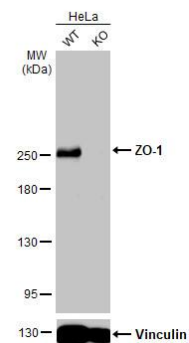
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, Immunocytochemistry/ Immunofluorescence 1:100-1:1000

**Images**

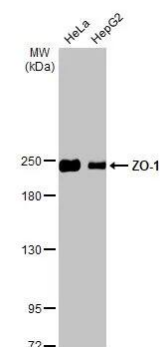
Western Blot: Tight Junction Protein 1 Antibody (HL1185) - Azide and BSA Free [NBP3-25774] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with ZO-1 antibody [HL1185] (NBP3-25774) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



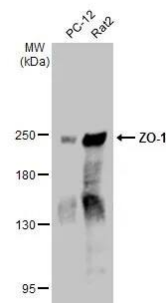
Western Blot: Tight Junction Protein 1 Antibody (HL1185) - Azide and BSA Free [NBP3-25774] - Wild-type (WT) and TJP1 knockout (KO) HeLa cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with ZO-1 antibody [HL1185] (NBP3-25774) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



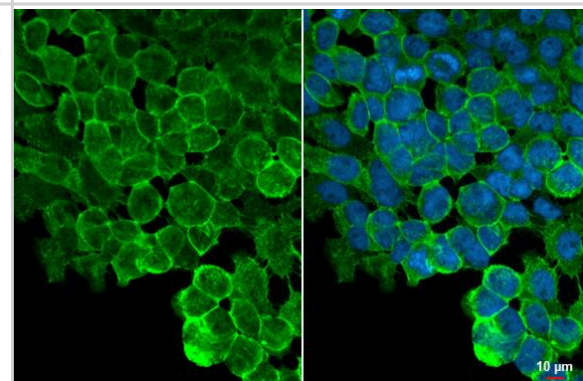
Western Blot: Tight Junction Protein 1 Antibody (HL1185) - Azide and BSA Free [NBP3-25774] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with ZO-1 antibody [HL1185] (NBP3-25774) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



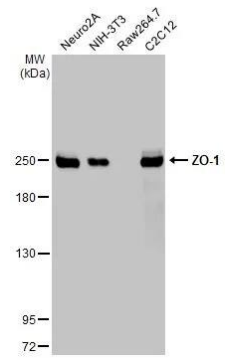
Western Blot: Tight Junction Protein 1 Antibody (HL1185) - Azide and BSA Free [NBP3-25774] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with ZO-1 antibody [HL1185] (NBP3-25774) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Immunocytochemistry/Immunofluorescence: Tight Junction Protein 1 Antibody (HL1185) - Azide and BSA Free [NBP3-25774] - ZO-1 antibody [HL1185] detects ZO-1 protein at cell membrane by immunofluorescent analysis. Sample: A431 cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: ZO-1 stained by ZO-1 antibody [HL1185] (NBP3-25774) diluted at 1:500. Blue: Fluoroshield with DAPI .



Western Blot: Tight Junction Protein 1 Antibody (HL1185) - Azide and BSA Free [NBP3-25774] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with ZO-1 antibody [HL1185] (NBP3-25774) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.





### **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 NBP3-25774**

---

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

---

### **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/NBP3-25774](http://www.novusbio.com/reviews/submit/NBP3-25774)

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

