

Product Datasheet

Occludin Antibody (1G7) - Azide and BSA Free H00004950-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00004950-M01

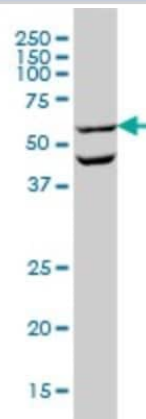
Occludin Antibody (1G7) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1G7
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	100506658
Gene Symbol	OCLN
Species	Human, Mouse
Marker	Tight Junctions Marker
Specificity/Sensitivity	OCLN - occludin
Immunogen	OCLN (NP_002529, 423 a.a. ~ 522 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. ITSDQQRQLYKRNFD TGLQEYKSLQSELDEINKELSRLDKELDDYREESEEYMA AADEYNRLKQVKGSADYKSKKNHCKQLKSKLSHIKMMVGDYDRQKT
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence 1:10-1:2000, Immunoprecipitation 1:10-1:500
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB.

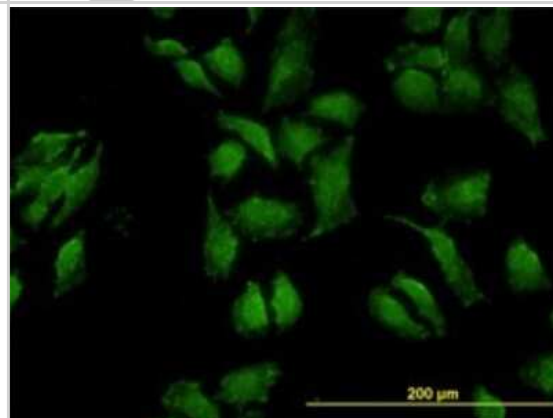


Images

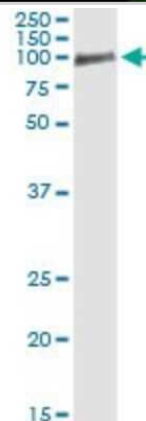
Western Blot: Occludin Antibody (1G7) [H00004950-M01] - OCLN monoclonal antibody (M01), clone 1G7 Analysis of OCLN expression in HL-60.



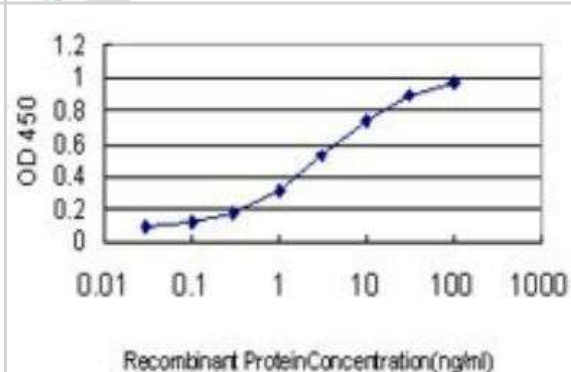
Immunocytochemistry/Immunofluorescence: Occludin Antibody (1G7) [H00004950-M01] - Analysis of monoclonal antibody to OCLN on HeLa cell. Antibody concentration 10 ug/ml.



Immunoprecipitation: Occludin Antibody (1G7) [H00004950-M01] - Analysis of OCLN transfected lysate using anti-OCLN monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with OCLN MaxPab rabbit polyclonal antibody.



ELISA: Occludin Antibody (1G7) [H00004950-M01] - Detection limit for recombinant GST tagged OCLN is approximately 0.1ng/ml as a capture antibody.



Publications

Beata B, Lilla E, Edit U et al. Cutibacterium acnes regulates the epidermal barrier properties of HPV-KER human immortalized keratinocyte cultures. Sci Rep. 2020-07-30 [PMID: 32733073]

Jevtic M Fine-Tuning of Organotypic Skin Equivalents for Preclinical Research and Their Utilization to Study Epidermal-Dermal Crosstalk Thesis 2021-01-01

Struver K, Friess W, Hedtrich S. et al. Development of a Perfusion Platform for Dynamic Cultivation of in vitro Skin Models. Skin Pharmacol Physiol 2017-06-27 [PMID: 28651246]

Islam MJ, Amin MB, Uddin MKM et al. Mouse homologues of hepatitis C virus human entry factors inhibit the entry of HCV pseudoparticles (HCVpp) into human hepatoma cells. Bioresearch Communications 2016-01-01 (WB, Human)

Bambang IF, Lee YK, Richardson DR et al. Endoplasmic reticulum protein 29 regulates epithelial cell integrity during the mesenchymal-epithelial transition in breast cancer cells. Oncogene 2012-04-30 [PMID: 22543584] (Human)





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 H00004950-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00004950-P01-10ug	Recombinant Human Occludin 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.

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