

Occludin Polyclonal Antibody

Product Details

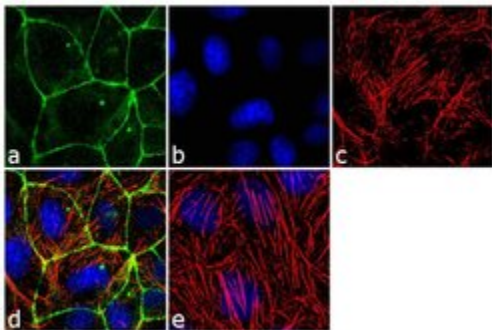
Size	100 µg
Species Reactivity	Dog, Human, Rat
Published Species	Dog, Artificial Control, Baboon, Rabbit, Rat, Bacteria, Mouse, Human, Chicken
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A fusion protein containing the C-terminal 150 amino acid region of human occludin.
Form	Liquid
Concentration	0.25 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage Conditions	-20°C
RRID	AB_2533977

Applications	Tested Dilution	Publications
ELISA (ELISA)	Assay Dependent	-
Immunocytochemistry (ICC)	2 µg/mL	59 Publications
Immunofluorescence (IF)	2 µg/mL	23 Publications
Immunohistochemistry (IHC)	Assay Dependent	35 Publications
Immunoprecipitation (IP)	Assay Dependent	5 Publications
Western Blot (WB)	2 µg/mL	113 Publications
Immunohistochemistry (Frozen) (IHC (F))	-	15 Publications
Immunohistochemistry (Paraffin) (IHC (P))	-	23 Publications
Immunohistochemistry - Free Floating (IHC (Free))	-	2 Publications
Miscellaneous PubMed (Misc)	-	39 Publications

Product Images For Occludin Polyclonal Antibody

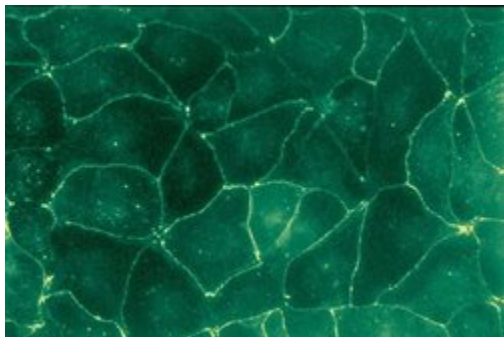
Occludin Antibody (71-1500) in IF

Immunofluorescence analysis of Occludin was performed using 90% confluent log phase Caco-2 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 2% BSA for 1 hour at room temperature. The cells were labeled with Occludin Rabbit Polyclonal Antibody (Product # 71-1500) at 2 µg/mL in 0.1% BSA and incubated for 3 hours at room temperature and then labeled with Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034) a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Alexa Fluor® 555 Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing cell junctional localization. Panel e shows the no primary antibody control. The images were captured at 60X magnification.



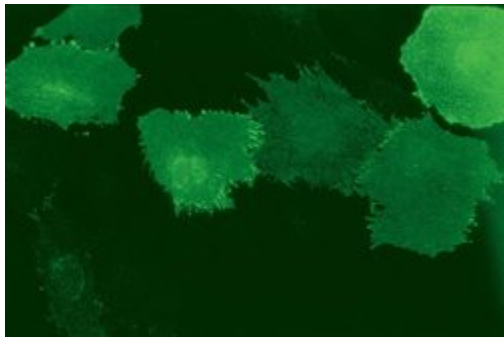
Occludin Antibody (71-1500) in IF

MDCK canine cells stained with Rabbit anti-Occludin (Product # 71-1500) and Zymed's FITC-Goat Anti-Rabbit IgG (H+L) (Product # 62-6111).



Occludin Antibody (71-1500) in IF

Immunofluorescent analysis of Occludin using a polyclonal antibody (Product # 71-1500).



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Immunohistochemistry (35)

Frontiers in cellular neuroscience

Astrogliosis Associated With Behavioral Abnormality in a Non-anaphylactic Mouse Model of Cow's Milk Allergy.

"71-1500 was used in Immunohistochemistry to demonstrate that beta-lactoglobulin sensitisation elicits inflammatory responses in the intestine and brain without overt anaphylactic signs of milk allergy."

Authors: Smith NA, Germundson DL, Combs CK, Vendsel LP, Nagamoto-Combs K

Species
Mouse

Dilution
1:100

Year
2020

Drug metabolism and disposition: the biological fate of chemicals

Generation of Intestinal Organoids Suitable for Pharmacokinetic Studies from Human Induced Pluripotent Stem Cells.

"71-1500 was used in Immunohistochemistry-immunofluorescence to demonstrate the successful generation of pharmacokinetically functional intestinal organoids from human iPS cells."

Authors: Onozato D, Yamashita M, Nakanishi A, Akagawa T, Kida Y, Ogawa I, Hashita T, Iwao T, Matsunaga T

Species
Human

Dilution
1:100

Year
2018

[View more IHC references on thermofisher.com](#)

Western Blot (113)

Frontiers in microbiology

Afadin Downregulation by *Helicobacter pylori* Induces Epithelial to Mesenchymal Transition in Gastric Cells.

"71-1500 was used in Western Blotting to show that Afadin is downregulated by H. pylori infection in vitro and in vivo and its downregulation leads to the emergence of epithelial-to-mesenchymal transition, which can contribute to gastric carcinogenesis."

Authors: Marques MS, Melo J, Cavadas B, Mendes N, Pereira L, Carneiro F, Figueiredo C, Leite M

Species
Human

Dilution
Not Cited

Year
2019

Cells

Syncytiotrophoblast of Placentae from Women with Zika Virus Infection Has Altered Tight Junction Protein Expression and Increased Paracellular Permeability.

"71-1500 was used in Western Blotting to determine whether ZIKV can open the paracellular pathway of STB cells which have been seen to be resistant to ZIKV infections."

Authors: Miranda J, Martín-Tapia D, Valdespino-Vázquez Y, Alarcón L, Espejel-Nuñez A, Guzmán-Huerta M, Muñoz-Medina JE, Shibayama M, Chávez-Munguía B, Estrada-Gutiérrez G, Lievano S, Ludert JE, González-Mariscal L

Species
Human

Dilution
1:1000

Year
2019

[View more WB references on thermofisher.com](#)

More applications with references on thermofisher.com

IHC (P) (23)

ICC (59)

IF (23)

Misc (39)

IHC (Free) (2)

IHC (F) (15)

IP (5)

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