

For Research Use Only

CoraLite®594-conjugated Occludin Polyclonal antibody

Catalog Number: CL594-13409

Featured Product

2 Publications



Basic Information

Catalog Number:

CL594-13409

Size:

100ul, Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4057

GenBank Accession Number:

BC029886

GeneID (NCBI):

4950

UNIPROT ID:

Q16625

Full Name:

occludin

Calculated MW:

522 aa, 59 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:300-1:1200

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC

Cited Applications:

IF

Species Specificity:

human, mouse, rat

Cited Species:

mouse

Positive Controls:

IF/ICC : MCF-7 cells, T-47D cells

Background Information

Occludin is an integral membrane protein located at the tight junction. It is a tetraspanin protein with four transmembrane domains, intracellular N and C termini and two extracellular loops. Occludin plays a role in the formation and regulation of the tight junction paracellular permeability barrier. Occludin can exist in different isoforms, owing to modifications at the posttranscriptional and posttranslational levels, the monomeric occludin migrates as 53-65 kDa on SDS-PAGE (PMID: 22083955; 19457074).

Notable Publications

Author	Pubmed ID	Journal	Application
Yuanyuan Zhu	39238009	J Nanobiotechnology	IF
Yunxia Xue	38428739	Mucosal Immunol	IF

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

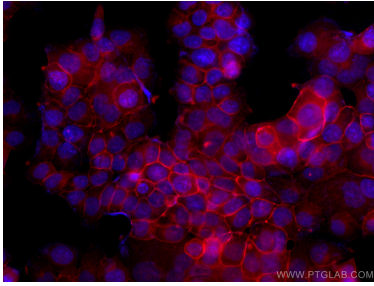
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

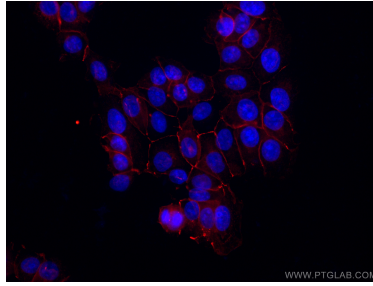
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed T-47D cells using CoraLite® 594 Occludin antibody (CL594-13409) at dilution of 1:100.



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using CoraLite® 594 Occludin antibody (CL594-13409) at dilution of 1:600.