

For Research Use Only

CoraLite®594-conjugated Occludin Recombinant monoclonal antibody

Catalog Number: CL594-80545



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL594-80545	BC029886	Protein A purification
Size:	GenID (NCBI):	CloneNo.:
100ul, Concentration: 1000 ug/ml by Nanodrop;	4950	8B2
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	Q16625	IF/ICC: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima
IgG	occludin	wavelengths:
Immunogen Catalog Number:	Calculated MW:	588 nm / 604 nm
AG26173	522 aa, 59 kDa	
	Observed MW:	
	59 kDa	

Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC: MCF-7 cells,
Species Specificity:	
human, mouse, pig	

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).

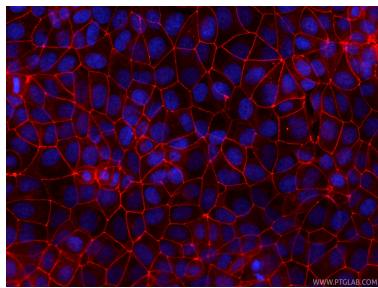
Storage

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, pH7.3
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 (4% PFA) fixed MCF-7 cells using CoraLite®594 Occludin antibody (CL594-80545, Clone: 8B2) at dilution of 1:200.