

For Research Use Only

# CoraLite®594-conjugated Occludin Polyclonal antibody



Catalog Number: CL594-13409

Featured Product

## Basic Information

Catalog Number:

CL594-13409

GenBank Accession Number:

BC029886

Purification Method:

Antigen affinity purification

Size:

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

GeneID (NCBI):

4950

Recommended Dilutions:

IF 1:50-1:500

Source:

Rabbit

Full Name:

occludin

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

Isotype:

IgG

Calculated MW:

522 aa, 59 kDa

Immunogen Catalog Number:

AG4057

## Applications

Tested Applications:

IF

Positive Controls:

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

Species Specificity:

human, mouse, rat

## 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, pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

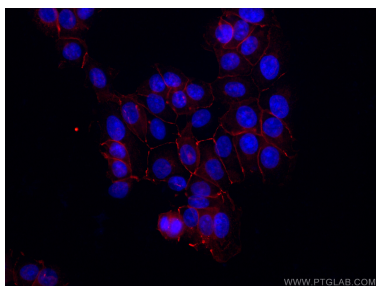
For technical support and original validation data for this product please contact:

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

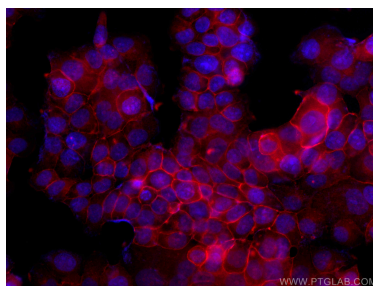
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## Selected Validation Data



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



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