

Nur für Forschungszwecke

ZO-1 Polyklonaler Antikörper

Katalog-Nr.:CL594-21773

Vorgestelltes Produkt

2 Publikationen



Allgemeine Informationen

Katalog-Nr.: CL594-21773	GenBank-Zugangsnummer: BC111712	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul, Konzentration: 1000 µg/ml von7082 Nanodrop;	GeneID (NCBI): tight junction protein 1 (zona occludens 1)	Empfohlene Verdünnungen: IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: tight junction protein 1 (zona occludens 1)	Anregungs-/Emissionsmaxima- Wellenlängen: 588 nm / 604 nm
Isotyp: IgG	Berechnete Masse: 1748 aa, 195 kDa	
Immunogen Katalognummer: AG16454	Beobachtete Masse: 230 kDa	

Anwendungen

Geprüfte Anwendungen: FC (Intra), IF	Positivkontrollen: IF : HUVEC-Zellen,
In Publikationen genannte Anwendungen: IF, WB	
Getestete Reaktivität: Hamster, Human, Hund, Maus, Ratte	
Zitierte Arten: Human	

Hintergrundinformationen

Tight junction (or zonula occludens) form the continuous intercellular barrier between epithelial and endothelial cells, which is required to separate tissue spaces and regulate selective movement of solutes across the epithelium and endothelium (PMID: 20066090). ZO-1 (also known as TJP1) is a peripheral membrane phosphoprotein located on the cytoplasmic face and is expressed in tight junctions of both epithelial and endothelial cells (PMID: 3528172). It binds the transmembrane proteins occludin and the claudins linking them to cytoskeletal actin (PMID: 17418867). ZO-1 belongs to a family of multidomain proteins known as the membrane-associated guanylate kinase homologs (MAGUKs). It is a pivotal tight junction protein and may be involved in signalling mechanisms regulating cell proliferation and differentiation (PMID: 22782886).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Suping Li	36090684	J Ginseng Res	IF
Suping Li	36871980	Chin J Nat Med	WB,IF

Lagerung

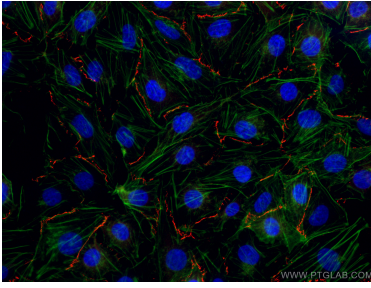
Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

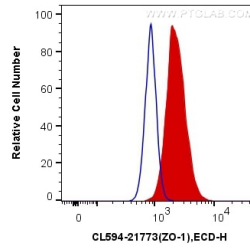
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed HUVEC cells using CoraLite®594 ZO-1 antibody (CL594-21773) at dilution of 1:200, CL488-phalloidin (green).



1X10⁶ MCF-7 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human ZO-1 (CL594-21773) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).