

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-ZO-1



Numéro de catalogue: **CL594-21773**

Phare

2 Publications

## Informations de base

<b>Numéro de catalogue:</b> CL594-21773	<b>Numéro d'acquisition GenBank:</b> BC111712	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>Identification du gène (NCBI):</b> 7082	<b>Dilutions recommandées:</b> IF 1:50-1:500
<b>Hôte:</b> Lapin	<b>Nom complet:</b> tight junction protein 1 (zone occludens 1)	<b>Excitation/Emission maximum wavelengths:</b> 588 nm / 604 nm
<b>Isotype:</b> IgG	<b>MW calculé:</b> 1748 aa, 195 kDa	
<b>Immunogen Catalog Number:</b> AG16454	<b>MW observés:</b> 230 kDa	

## Applications

<b>Applications testées:</b> FC (Intra), IF	<b>Contrôles positifs:</b> IF : cellules HUVEC,
<b>Demandes citées:</b> IF, WB	
<b>Spécificité de l'espèce:</b> canin, Humain, rat, souris, Hamster	
<b>Espèces citées:</b> Humain	

## Informations générales

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).

## Publications notables

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

## Stockage

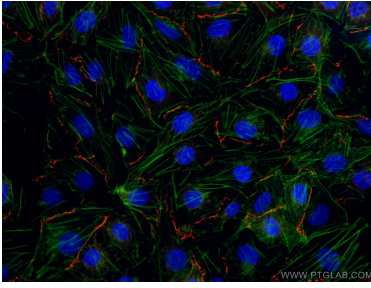
**Stockage:**  
Stocker à -20°C. Éviter toute exposition à la lumière.  
**Tampon de stockage:**  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* Les 20ul contiennent 0,1% de BSA.**

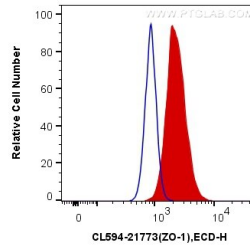
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## Données de validation sélectionnées



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



1X10<sup>6</sup> 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).