ZO1 Antibody

Catalog No: #48588

Package Size: #48588-1 50ul   #48588-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

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Product Name	ZO1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Peptide affinity purified
Applications	ICC, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	peptide
Other Names	Tight junction protein 1 antibody Tight junction protein ZO-1 antibody Tight junction protein ZO1 antibody TJP1 antibody zo-1 antibody Zo1 antibody ZO1_HUMAN antibody Zona occludens 1 antibody Zona occludens 1 protein antibody Zona occludens protein 1 antibody Zonula occludens 1 protein antibody Zonula occludens protein 1 antibody
Accession No.	Swiss-Prot#:Q07157
Uniprot	Q07157
GeneID	7082;
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

IHC: 1:200ICC: 1:200

Images
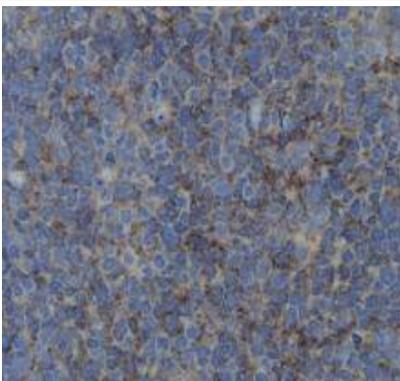
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-ZO1 antibody. Counter stained with hematoxylin.
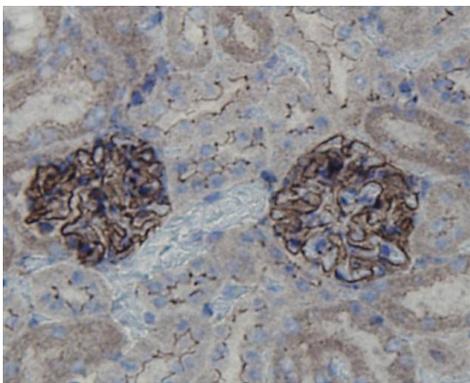
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-ZO1 antibody. Counter stained with hematoxylin.
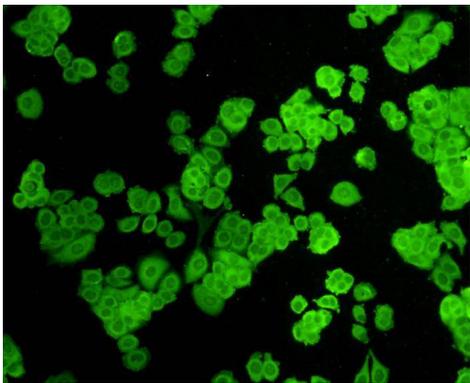
ICC staining ZO1 in MCF-7 cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

Tight junction protein ZO-1 is a protein that in humans is encoded by the TJP1 gene. This gene encodes a protein located on a cytoplasmic membrane surface of intercellular tight junctions. The N-terminal may be involved in transducing a signal required for tight junction assembly, while the C-terminal may have specific properties of tight junctions. The alpha domain might be involved in stabilizing junctions. ZO1 plays a role in the regulation of cell migration by targeting CDC42BPB to the leading edge of migrating cells.

References

Note: This product is for in vitro research use only