

## ZO-1 Antibody FITC Conjugated

Catalog No: #C02493F

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## Description

Product Name	ZO-1 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 1670-1720 1733 derived from human ZO-1
Conjugates	FITC
Target Name	ZO-1
Other Names	ZO-1; Tight junction protein ZO-1; Tight junction protein 1; Zona occludens protein 1; Zonula occludens protein 1; TJP1; ZO1
Accession No.	Swiss-Prot#Q07157NCBI Gene ID7082
Uniprot	Q07157
GeneID	7082;
Excitation Emission	494nm 518nm
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

Flow-Cyt=2ug/Test IF=1:50-200

## Background

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. Plays a role in the regulation of cell migration by targeting CDC42BPB to the leading edge of migrating cells.

Note: This product is for in vitro research use only