

## ARG65099 anti-ZO1 antibody

Package: 100 µg, 50 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes ZO1
Tested Reactivity	Hu
Tested Application	ICC/IF
Specificity	This antibody is expected to recognize both reported isoforms (NP_003248.3; NP_783297.2)
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ZO1
Species	Human
Immunogen	C-PKPTSQNQFSEHDKT
Conjugation	Un-conjugated
Alternate Names	Zonula occludens protein 1; Tight junction protein ZO-1; Tight junction protein 1; Zona occludens protein 1; ZO-1

### Application Instructions

Application table	Application	Dilution
	ICC/IF	10 -20 µg/ml

**Application Note** \* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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### Database links

[GeneID: 7082 Human](#)

[Swiss-port # Q07157 Human](#)

### Background

This gene encodes a protein located on a cytoplasmic membrane surface of intercellular tight junctions. The encoded protein may be involved in signal transduction at cell-cell junctions. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

### Research Area

Controls and Markers antibody

### Calculated Mw

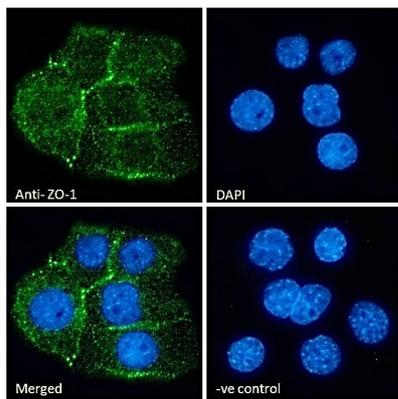
195 kDa

### PTM

Phosphorylated. Dephosphorylated by PTPRJ.

## Images

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ARG65099 anti-ZO1 antibody ICC/IF image

Immunofluorescence: A431 stained with ARG65099 anti-ZO1 antibody at 10ug/ml dilution.