

## Recombinant ZO1 Monoclonal Antibody

catalog number: AN300738L

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

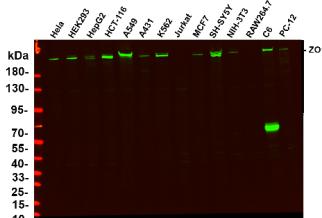
<b>Reactivity</b>	Human;Mouse;Rat;Pig
<b>Immunogen</b>	Recombinant Human ZO1 protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG,k
<b>Clone</b>	6H11
<b>Purification</b>	Protein A
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications

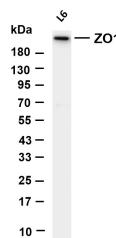
### Recommended Dilution

<b>IHC</b>	1:1000-1:4000
<b>WB</b>	1:2000-1:10000
<b>IF</b>	1:200-1:1000
<b>ELISA</b>	1:5000-1:20000

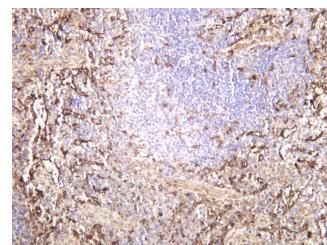
### Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the primary antibody was used at 4°C, over night with a 1:5000 dilution. The Dylight 800-conjugated Goat anti-Rabbit antibody was used to detect the antibody. Lane1: Hela Lane2: HEK293 Lane3: HepG2 Lane4: HCT-116 Lane5: A549 Lane6: A431 Lane7: K562 Lane8: Jurkat Lane9: MCF7 Lane10: SH-SY5Y Lane11: NIH-3T3 Lane12: RAW264.7 Lane13: C6 Lane14: PC-12



Various whole cell lysates were separated by 4-8% SDS-PAGE, and the membrane was blotted with anti-ZO1 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: C2C12 Lane 2: A431 Predicted band size: 195kDa Observed band size: 220kDa



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-ZO1 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: L6 Predicted band size: 195kDa Observed band size: 220kDa

Mouse spleen was stained with anti-ZO1 rabbit antibody

### For Research Use Only

Toll-free: 1-888-852-8623

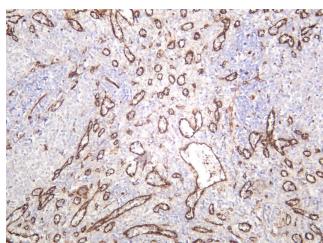
Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086

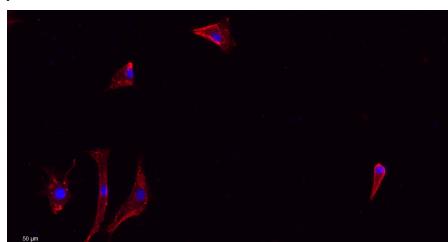
Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017

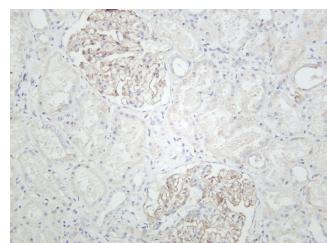
Rev. V1.2



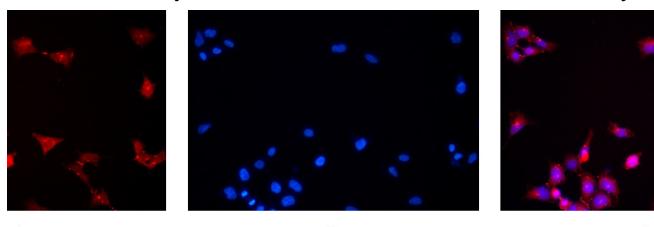
Rat spleen was stained with anti-ZO1 rabbit antibody



Immunofluorescence analysis of A549. 1,primary Antibody(red) was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 594 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, DAPI(blue) 10min.



Human kidney was stained with anti-ZO1 rabbit antibody



Immunofluorescence analysis of HEK293. Picture A: ZO-1 antibody (red). Picture B: DAPI (blue). Picture C: Merge of A+B

### Preparation & Storage

**Storage** Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

**Shipping** Ice bag

### 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. Alternative splicing of this gene results in multiple transcript variants.

### For Research Use Only

Toll-free: 1-888-852-8623

Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086

Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017

Rev. V1.2