

# ZO-1 antibody



Catalog Number: 117259

## Product name

ZO-1 antibody

## Immunogen

[Human ZO1 Recombinant protein \(GST tag\)](#)

## Specificity

Human, Dog, Mouse, Rat; other species not tested.

## Antibody description

ZO-1 Rabbit Polyclonal antibody. Positive IP detected in HEK-293 cells. Positive WB detected in HepG2 cells, A431 cells, COLO 320 cells, HEK-293 cells. Positive FC detected in MCF-7 cells. Positive IF detected in MDCK cells, HUVEC cells. Positive IHC detected in human kidney tissue. Observed molecular weight by Western-blot: 230 kDa

## Preparation

This antibody was obtained by immunization of ZO-1 recombinant protein (Accession Number: NM\_003257). Purification method: Antigen affinity purified.

## Formulation

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

## Storage

Store at -20°C. DO NOT ALIQUOT

## Clonality

Polyclonal

## Ig Type

Rabbit IgG

## Applications

ELISA, WB, IHC, FC, IP, IF

## Dilutions

Recommended Dilution:

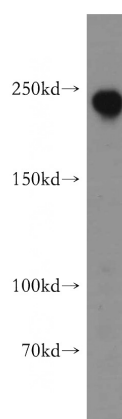
WB: 1:200-1:2000

IP: 1:200-1:2000

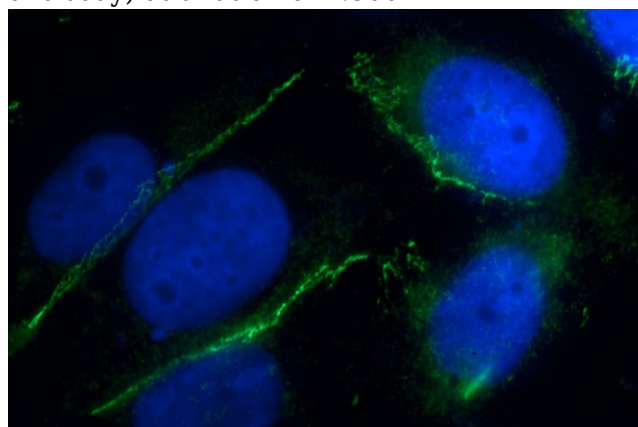
IHC: 1:20-1:200

IF: 1:20-1:200

## Validations



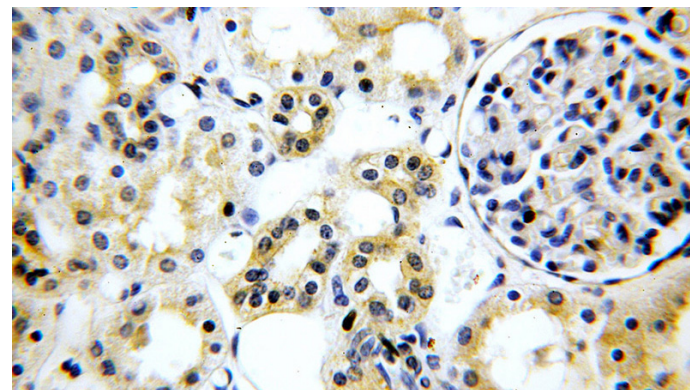
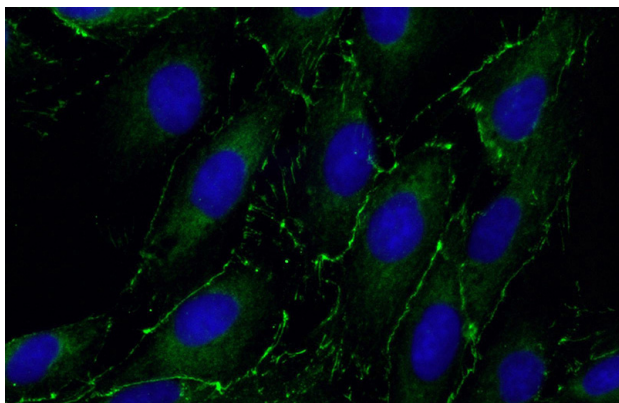
HepG2 cells were subjected to SDS PAGE followed by western blot with Catalog No:117259(ZO1 antibody) at dilution of 1:500



Immunofluorescent analysis of HUVEC cells using Catalog No:117259(ZO1 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

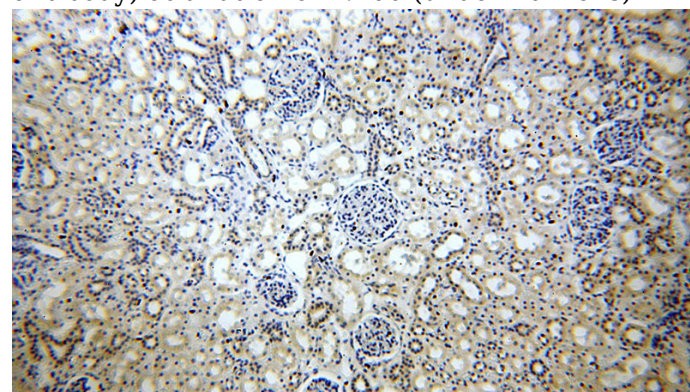
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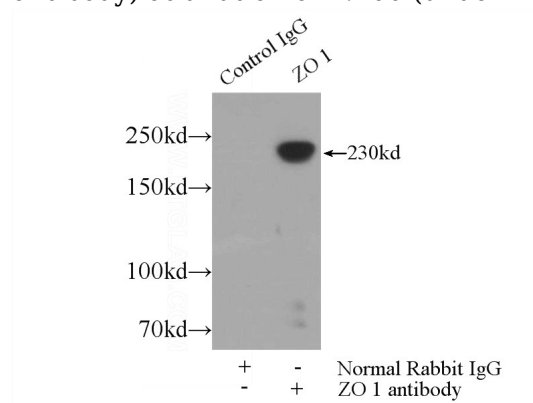


Immunofluorescent analysis of (-20oc Ethanol) fixed MDCK cells using Catalog No:117259(ZO1 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

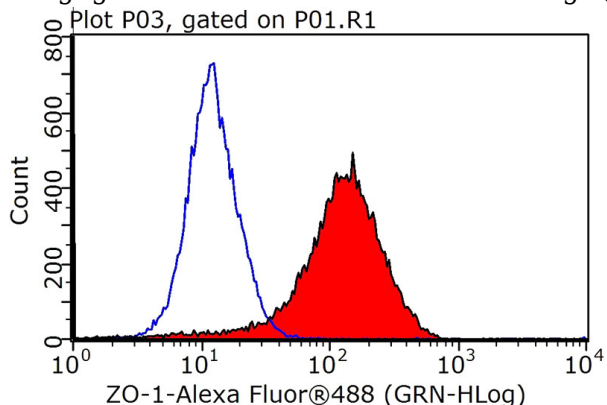
Immunohistochemical of paraffin-embedded human kidney using Catalog No:117259(ZO1 antibody) at dilution of 1:100 (under 40x lens)



Immunohistochemical of paraffin-embedded human kidney using Catalog No:117259(ZO1 antibody) at dilution of 1:100 (under 10x lens)



IP Result of anti-ZO1 (IP:Catalog No:117259, 5ug; Detection:Catalog No:117259 1:800) with HEK-293 cells lysate 1800ug.



1X10<sup>6</sup> MCF-7 cells were stained with 0.2ug ZO1 antibody (Catalog No:117259, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.