

For Research Use Only

# CoraLite® Plus 750-conjugated ZO-2 Recombinant antibody

Catalog Number: CL750-83111

Featured Product



## Basic Information

Catalog Number:

CL750-83111

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13534

GenBank Accession Number:

BC027592

GeneID (NCBI):

9414

UNIPROT ID:

Q9UDY2

Full Name:

tight junction protein 2 (zona  
occludens 2)

Calculated MW:

134 kDa

Observed MW:

~150 kDa

Purification Method:

Protein A purification

CloneNo.:

230474D1

Recommended Dilutions:

WB 1:500-1:1000

Excitation/Emission maxima  
wavelengths:

755 nm / 780 nm

## Applications

Tested Applications:

WB, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HepG2 cells, MCF-7 cells

## Background Information

Zona occludens protein 2 (ZO-2), also known as tight junction protein 2 (TJP2), is a membrane-associated guanylate kinase acting at intercellular contacts of epithelial and endothelial cells but also in their nuclei.

## Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

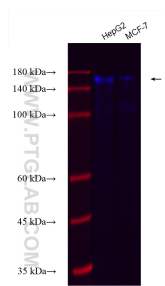
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

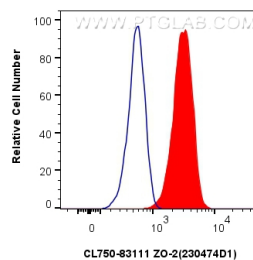
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL750-83111 (ZO-2 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



$1 \times 10^6$  A431 cells were intracellularly stained with 0.4  $\mu$ g Coralite® Plus 750-conjugated ZO-2 Recombinant antibody (CL750-83111, Clone:230474D1)(red), or 0.4  $\mu$ g Isotype Control (CL750-30000) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).