

## ZO-1 antibody [N2C1], Internal

Cat. No. GTX108627

|             |                    |
|-------------|--------------------|
| Host        | Rabbit             |
| Clonality   | Polyclonal         |
| Isotype     | IgG                |
| Application | WB, ICC/IF, IHC-Fr |
| Reactivity  | Human, Rat         |

Reference ( 7 )

 Review ( 1 )

Package

100 µl, 25 µl

## APPLICATION

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:500-1:3000         |
| ICC/IF             | 1:100-1:1000         |
| IHC-Fr             | Assay dependent      |

Not tested in other applications.

Calculated MW 195 kDa. ( [Note](#) )

## PROPERTIES

|               |                                                                                                                                                                                                                            |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form          | Liquid                                                                                                                                                                                                                     |
| Buffer        | PBS, 20% Glycerol                                                                                                                                                                                                          |
| Preservative  | 0.025% ProClin 300                                                                                                                                                                                                         |
| Storage       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 0.98 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                |
| Immunogen     | Recombinant protein encompassing a sequence within the center region of human ZO-1. The exact sequence is proprietary.                                                                                                     |
| Purification  | Purified by antigen-affinity chromatography.                                                                                                                                                                               |
| Conjugation   | Unconjugated                                                                                                                                                                                                               |

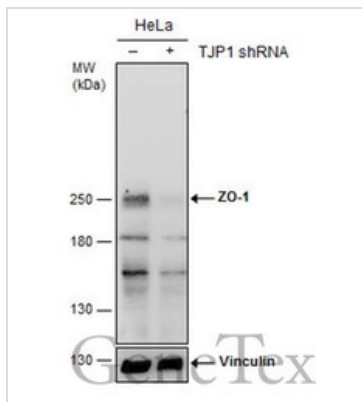
## Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

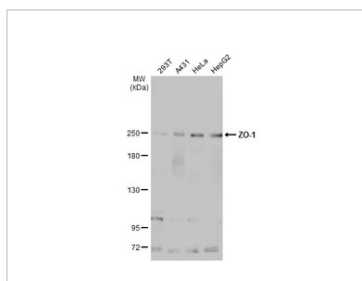
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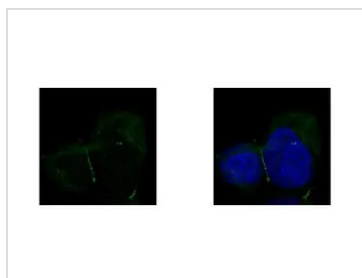
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**DATA IMAGES**

**GTx108627 WB Image**

Non-transfected (–) and transfected (+) HeLa whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with ZO-1 antibody [N2C1], Internal (GTx108627) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


**GTx108627 WB Image**

Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with ZO-1 antibody [N2C1], Internal (GTx108627) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.

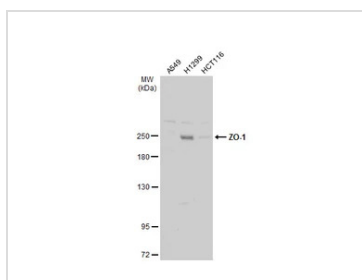

**GTx108627 ICC/IF Image**

ZO-1 antibody [N2C1], Internal detects TJP1 protein at junction by confocal immunofluorescent analysis. Sample: A431 cells were fixed in ice-cold MeOH for 5 min.

Green: TJP1 protein stained by ZO-1 antibody [N2C1], Internal (GTx108627) diluted at 1:500.

Blue: Hoechst 33342 staining.

[Images captured by Olympus FV10i Confocal Laser Scanning Microscope]


**GTx108627 WB Image**

Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with ZO-1 antibody [N2C1], Internal (GTx108627) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



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