

## ZO-1 antibody

Cat. No. GTX108592

|                     |  |
|---------------------|--|
| <b>Host</b>         | Rabbit                                 |
| <b>Clonality</b>    | Polyclonal                             |
| <b>Isotype</b>      | IgG                                    |
| <b>Applications</b> | WB, ICC/IF, IHC-P, IHC-Fr              |
| <b>Reactivity</b>   | Human, Mouse, Bovine, Dog, Pig, Monkey |

References ( 21 )

★★★★★ Review ( 1 )

Package

100 µl, 25 µl

## Applications

## Application Note

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

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

Not tested in other applications.

**Calculated MW** 195 kDa. ( [Note](#) )**Product Note** The use of GTX108592 for mouse is based on IHC-P testing. For WB using mouse samples, we recommend GTX108613.

## Properties

|                      |  |
|----------------------|--|
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | PBS, 1% BSA, 20% Glycerol  |
| <b>Preservative</b>  | 0.025% ProClin 300   |
| <b>Storage</b>       | 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. |
| <b>Concentration</b> | 0.19 mg/ml (Please refer to the vial label for the specific concentration.)  |
| <b>Immunogen</b>     | Recombinant protein encompassing a sequence within the center region of human ZO-1. The exact sequence is proprietary.   |
| <b>Purification</b>  | Purified by antigen-affinity chromatography.   |
| <b>Conjugation</b>   | Unconjugated   |

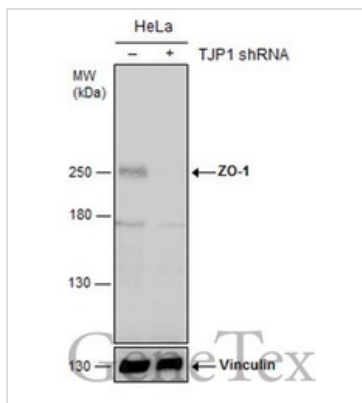
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## Note

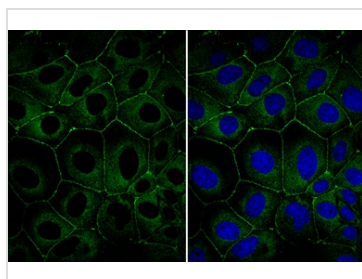
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## DATA IMAGES



### GTx108592 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 (GTx108592) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.

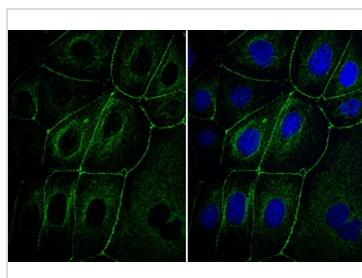


### GTx108592 ICC/IF Image

ZO-1 antibody detects ZO-1 protein at cell membrane and cytoplasm by immunofluorescent analysis.

Sample: MDCK cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: ZO-1 stained by ZO-1 antibody (GTx108592) diluted at 1:1000.

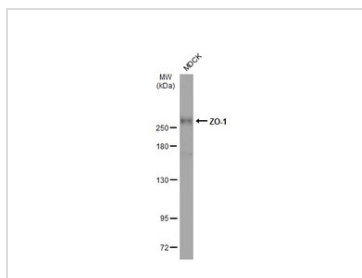


### GTx108592 ICC/IF Image

ZO-1 antibody detects ZO-1 protein at cell membrane and cytoplasm by immunofluorescent analysis.

Sample: MDCK cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: ZO-1 stained by ZO-1 antibody (GTx108592) diluted at 1:1000.



### GTx108592 WB Image

Whole cell extract (30 µg) was separated by 5% SDS-PAGE, and the membrane was blotted with ZO-1 antibody (GTx108592) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



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