

Datasheet for ABIN3029133
anti-TJP1 antibody (AA 1570-1600)



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2 Images

Overview

Quantity:	0.4 mL
Target:	TJP1
Binding Specificity:	AA 1570-1600
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TJP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	A portion of amino acids 1570-1600 from the human protein was used as the immunogen for this ZO-1 antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	TJP1
Alternative Name:	ZO-1 (TJP1 Products)
Background:	ZO-1/TJP1 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. [Wiki]

Target Details

UniProt:	Q07157
Pathways:	Carbohydrate Homeostasis , Cell-Cell Junction Organization

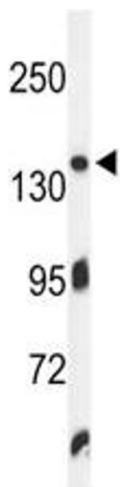
Application Details

Application Notes:	Titration of the ZO-1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100,Flow Cytometry: 1:10-1:50
Restrictions:	For Research Use only

Handling

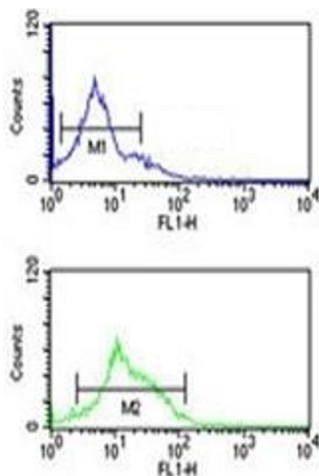
Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the ZO-1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of ZO-1 antibody and K562 lysate



Flow Cytometry

Image 2. ZO-1 antibody flow cytometric analysis of K562 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.