

Datasheet for ABIN920486

anti-TJP1 antibody (AA 1551-1702) (AbBy Fluor® 647)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	TJP1
Binding Specificity:	AA 1551-1702
Reactivity:	Human, Mouse, Rat, Pig, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TJP1 antibody is conjugated to AbBy Fluor® 647
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ZO-1
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Mouse, Pig, Rat
Predicted Reactivity:	Dog,Cow,Chicken,Rabbit,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	TJP1
Alternative Name:	ZO-1 (TJP1 Products)

Target Details

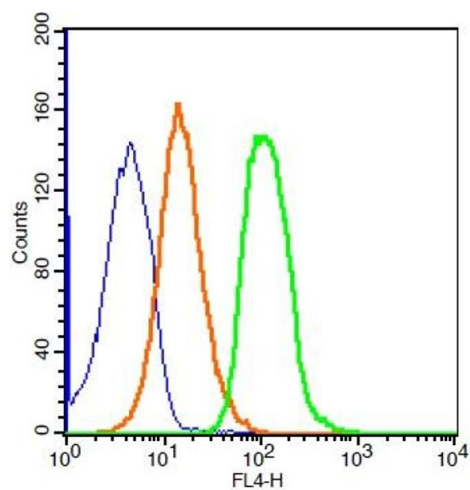
Background:	Synonyms: ZO-1, Tight junction protein ZO-1, Tight junction protein 1, Zona occludens protein 1, Zonula occludens protein 1, TJP1, ZO1 Background: The N-terminal may be involved in transducing a signal required for tight junction assembly, while the C-terminal may have specific properties of tight junctions. The alpha domain might be involved in stabilizing junctions. Plays a role in the regulation of cell migration by targeting CDC42BPB to the leading edge of migrating cells.
Gene ID:	7082
UniProt:	Q07157
Pathways:	Carbohydrate Homeostasis , Cell-Cell Junction Organization

Application Details

Application Notes:	FCM 1:20-100 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months



Flow Cytometry

Image 1. 293T cells probed with ZO-1 Polyclonal Antibody, ALEXA FLUOR® 647 Conjugated (bs-1329R-A647) at 1:100 for 30 minutes compared to control cells (blue) and isotype control (orange).