TJP1/ZO-1 Recombinant Monoclonal Antibody [BLR092G]

Rabbit Recombinant Monoclonal

Purified		RefSeq ID	NP_783297.2
Catalog No.	A700-092	Uniprot ID	Q07157
Lot No.	4	GeneID	7082

APPLICATIONS WB, IP, IHC, ICC, IHC-IF

SPECIES REACTIVITY Human, Mouse

AMOUNT 100 µl

CONCENTRATION 500 µg/ml

STORAGE/SHELF LIFE 2 - 8°C / 1 year from date of receipt

PHYSICAL STATE Liquid

BUFFER Phosphate Buffered Saline (PBS) with 0.1% BSA and 0.09% Sodium Azide

ISOTYPE IgG

CLONE # BLR092G

ORIGIN USA

PRODUCTION PROCEDURES Recombinant antibody was purified from cell culture supernatant.

Immunogen was a peptide representing a region between residue 650 and 700 of human tight junction protein ZO-1 using the numbering given in entry NP_003248.3 (Gene ID 7082).

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot	1:1000
Immunoprecipitation	12 µl/mg lysate
Immunohistochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
Immunocytochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.
Immunofluorescence (IHC)	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

APPLICATION NOTES All western blot analysis is performed using 5% Milk-TBST for blocking and as antibody diluent. Primary antibody is incubated overnight.

Western blots of cell lysates are performed using Goat anti-Rabbit IgG Heavy and Light Chain Antibody (A120-101P).

Western blots of immunoprecipitates are performed using Goat anti-Rabbit Light Chain HRP Conjugate (A120-113P) with 5% Normal Pig Serum (S100-020) added to the blocking buffer.

IHC HUMAN CONTROLS Kidney, Liver Carcinoma, Ovarian Carcinoma, Prostate Carcinoma, Renal Cell Carcinoma, Seminoma, A549 Cells

ADDITIONAL INFO Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD

Date: February 2, 2026

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