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Research Use Only. Not for diagnostic or therapeutic use.

EB09206 - Goat Anti-ZO-1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TJP1, tight junction protein 1 (zona occludens 1), DKFZp686M05161, MGC133289, ZO-1, OTTHUMP00000174520, tight junction protein 1, tight junction

protein ZO-1, zona occludens 1, zonula occludens 1 protein

Official Symbol: TJP1

Accession Number(s): NP_003248.3; NP_783297.2

Human GeneID(s): 7082

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_003248.3; NP_783297.2)

Immunogen

Peptide with sequence C-PKPTSQNQFSEHDKT, from the internal region of the protein sequence according to NP_003248.3; NP_783297.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

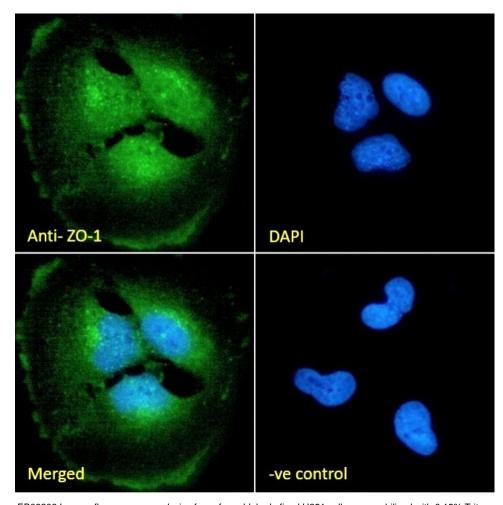
Peptide ELISA: antibody detection limit dilution 1:64000.

Immunofluorescence: Strong expression of the protein seen in the membrane, cytoplasm and nuclei of U251 cells. Recommended concentration: 10µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB09206 Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane, cytoplasmic and some nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).