

Anti-Monkey ZO-1 Rabbit mAb

Catalog No.: A28890 **Recombinant**

Basic Information

Observed MW

Refer to figures

Calculated MW

195 kDa

Category

Primary antibody

Applications

IHC-P

Cross-Reactivity

Cynomolgus monkey

CloneNo number

ARC5294-01

Background

This gene encodes a member of the membrane-associated guanylate kinase (MAGUK) family of proteins, and acts as a tight junction adaptor protein that also regulates adherens junctions. Tight junctions regulate the movement of ions and macromolecules between endothelial and epithelial cells. The multidomain structure of this scaffold protein, including a postsynaptic density 95/disc-large/zona occludens (PDZ) domain, a Src homology (SH3) domain, a guanylate kinase (GuK) domain and unique (U) motifs all help to co-ordinate binding of transmembrane proteins, cytosolic proteins, and F-actin, which are required for tight junction function. Alternative splicing results in multiple transcript variants encoding different isoforms.

Recommended Dilutions

IHC-P 1:500 - 1:2000

Immunogen Information

Gene ID

102124597

Swiss Prot

Q07157

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

ZO-1

Contact

 | 400-999-6126

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Product Information

Source

Rabbit

Isotype

IgG

Purification

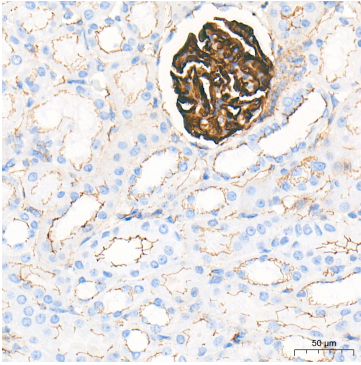
Affinity purification

Storage

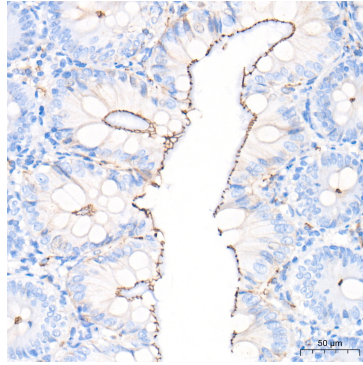
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Cynomolgus monkey kidney tissue using Anti-Monkey ZO-1 Rabbit mAb (A28890) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Cynomolgus monkey colon tissue using Anti-Monkey ZO-1 Rabbit mAb (A28890) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.