

For Research Use Only

ZO-3 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP03141-1

Capture Antibody Information

Catalog Number:
87266-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
252499H1
Reactivity:
human
GenBank:
NM_001267560.1
Immunogen Catalog Number:
Eg5585

Conjugate:
Unconjugated
Full name:
tight junction protein 3 (zona occludens 3)
Gene ID:
27134

Detection Antibody Information

Catalog Number:
87266-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
252499A12
Reactivity:
human
GenBank:
NM_001267560.1
Immunogen Catalog Number:
Eg5585

Conjugate:
Unconjugated
Full name:
tight junction protein 3 (zona occludens 3)
Gene ID:
27134

Applications

Tested Applications:
Sandwich ELISA

Range:
78.1-5000 pg/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP03141-1 targets ZO-3 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: ZO3/Zonula occludens PROTEIN 3 Recombinant monoclonal antibody, PBS Only (Capture) 87266-4-PBS (252499H1). 100 μ g. Concentration 1 mg/mL.

Detection antibody: ZO-3 Recombinant monoclonal antibody, PBS Only (Detector) 87266-2-PBS (252499A12). 100 μ g. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

For technical support and original validation data for this product please contact:

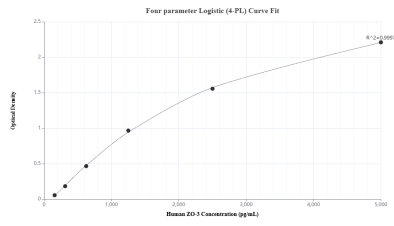
T: 4006900926

E: Proteintech-CN@ptglab.com

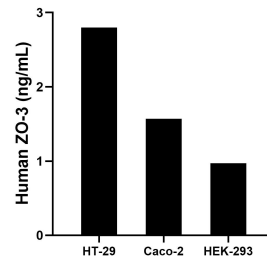
W: ptgcn.com

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Selected Validation Data



Sandwich ELISA standard curve of MP03141-1, Human ZO-3 Recombinant Matched Antibody Pair - PBS only. 87266-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg5585. 87266-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



The mean ZO-3 concentration was determined to be 2.80 ng/mL in HT-29 cell extract based on a 1.1 mg/mL extract load, 1.57 ng/mL in Caco-2 cell extract based on a 1.3 mg/mL extract load and 0.97 ng/mL in HEK-293 cell extract based on a 1.2 mg/mL extract load.