

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

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 µg. Concentration 1 mg/ml.

Detection antibody: ZO-3 Recombinant monoclonal antibody, PBS Only (Detector) 87266-2-PBS (252499A12). 100 µg. 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.  
Storage buffer:  
PBS only

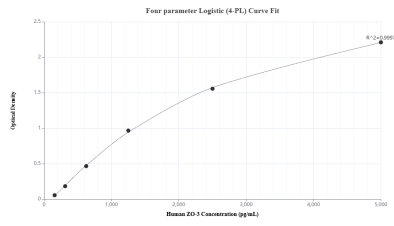
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

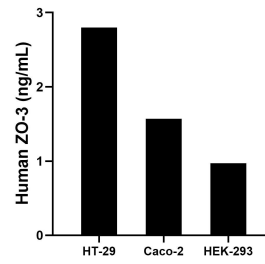
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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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.