

For Research Use Only

# ZO-3 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87266-2-PBS



## Basic Information

<b>Catalog Number:</b> 87266-2-PBS	<b>GenBank Accession Number:</b> NM_001267560.1	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 27134	<b>CloneNo.:</b> 252499A12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O95049-1	
<b>Isotype:</b> IgG	<b>Full Name:</b> tight junction protein 3 (zona occludens 3)	
<b>Immunogen Catalog Number:</b> EG5585	<b>Calculated MW:</b> 101 kDa	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA

**Species Specificity:**  
human

## Product Information

87266-2-PBS targets ZO-3 as part of a matched antibody pair:

MP03141-1: 87266-4-PBS capture and 87266-2-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

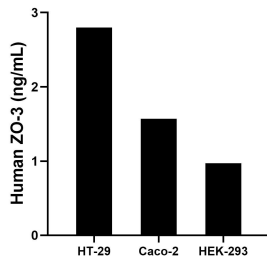
For technical support and original validation data for this product please contact:

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

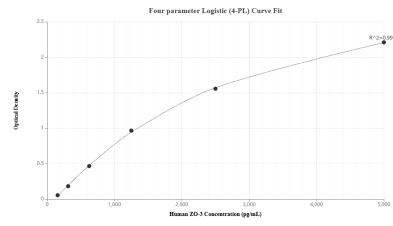
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



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.



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