

For Research Use Only

ZO3/Zonula occludens PROTEIN 3 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87266-4-PBS



Basic Information

Catalog Number: 87266-4-PBS	GenBank Accession Number: NM_001267560.1	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 27134	CloneNo.: 252499H1
Source: Rabbit	UNIPROT ID: O95049-1	
Isotype: IgG	Full Name: tight junction protein 3 (zona occludens 3)	
Immunogen Catalog Number: EG5585	Calculated MW: 101 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87266-4-PBS targets ZO3/Zonula occludens PROTEIN 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

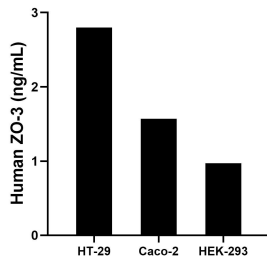
For technical support and original validation data for this product please contact:

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

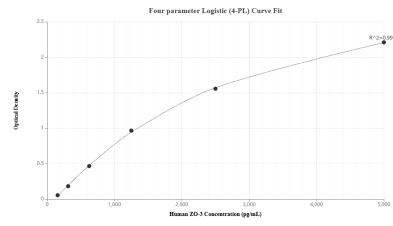
E: proteintech@ptglab.com
W: ptglab.com

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