

For Research Use Only

ZO1 Recombinant antibody, PBS Only (Detector)

Catalog Number: 82870-9-PBS



Basic Information

Catalog Number: 82870-9-PBS	GenBank Accession Number: BC111712	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 7082	CloneNo.: 240150C5
Source: Rabbit	UNIPROT ID: Q07157	
Isotype: IgG	Full Name: tight junction protein 1 (zona occludens 1)	
Immunogen Catalog Number: AG33182	Calculated MW: 1748 aa, 195 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

82870-9-PBS targets ZO1 as part of a matched antibody pair:

MP00349-4: 82870-2-PBS capture and 82870-9-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

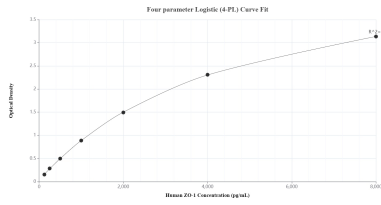
For technical support and original validation data for this product please contact:

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

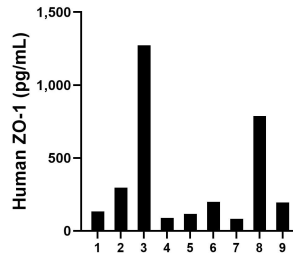
E: proteintech@ptglab.com
W: ptglab.com

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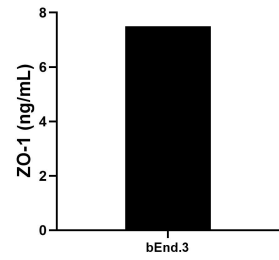
Selected Validation Data



Sandwich ELISA standard curve of MP00349-4, Human ZO-1 Recombinant Matched Antibody Pair - PBS only. 82870-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag33182. 82870-9-PBS was HRP conjugated as the detection antibody. Range: 125-8000 pg/mL



Serum of nine individual healthy human donors was measured. The ZO-1 concentration of detected samples was determined to be 352.4 pg/mL with a range of 83.4 - 1,272.8 pg/mL.



The mean ZO-1 concentration was determined to be 7.5 ng/mL in bEnd.3 cell extract based on a 1.8 mg/mL extract load.