

For Research Use Only

TRP1 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84082-4-PBS



Basic Information

Catalog Number: 84082-4-PBS	GenBank Accession Number: BC052608	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 7306	CloneNo.: 241242C2
Source: Rabbit	UNIPROT ID: P17643	
Isotype: IgG	Full Name: tyrosinase-related protein 1	
Immunogen Catalog Number: AG10166	Calculated MW: 537 aa, 61 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

84082-4-PBS targets TRP1 as part of a matched antibody pair:

MP00997-3: 84082-4-PBS capture and 84082-2-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

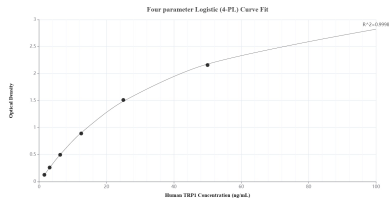
For technical support and original validation data for this product please contact:

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

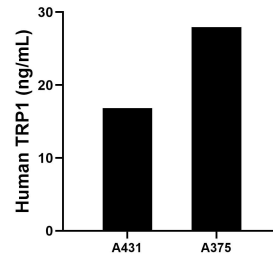
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Sandwich ELISA standard curve of MP00997-3, Human TRP1 Recombinant Matched Antibody Pair - PBS only. 84082-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag10166. 84082-2-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL.



The mean TRP1 concentration was determined to be 16.83 ng/mL in A431 cell extract based on a 4.00 mg/mL extract load and 27.93 ng/mL in A375 cell extract based on a 4.60 mg/mL extract load.