

For Research Use Only

TAC1 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87670-2-PBS



Basic Information

Catalog Number: 87670-2-PBS	GenBank Accession Number: BC018047	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6863	CloneNo.: 252326D5
Source: Rabbit	UNIPROT ID: P20366	
Isotype: IgG	Full Name: tachykinin, precursor 1	
Immunogen Catalog Number: AG4790	Calculated MW: 129 aa, 15 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87670-2-PBS targets TAC1 as part of a matched antibody pair:

MP03117-1: 87670-2-PBS capture and 87670-1-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

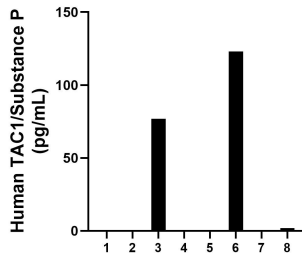
For technical support and original validation data for this product please contact:

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

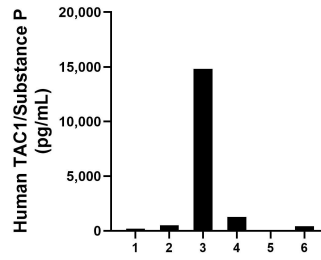
E: proteintech@ptglab.com
W: ptglab.com

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

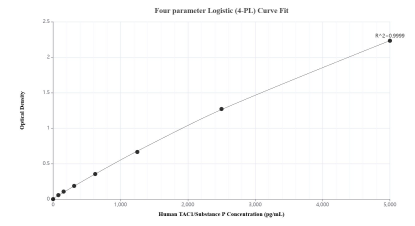
Selected Validation Data



Urine of eight individual healthy human donors was measured. The TAC1/Substance P concentration of detected samples was determined to be 50.5 pg/mL with a range of ND-122.9 pg/mL.



Plasma of six individual healthy human donors was measured. The TAC1/Substance P concentration of detected samples was determined to be 2,875.1 pg/mL with a range of 22.1-14,831.3 pg/mL.



Sandwich ELISA standard curve of MP03117-1, Human TAC1/Substance P Recombinant Matched Antibody Pair - PBS only. 87670-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag4790. 87670-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.