

For Research Use Only

Synaptotagmin-1 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 83637-1-PBS



Basic Information

Catalog Number: 83637-1-PBS	GenBank Accession Number: BC058917	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6857	CloneNo.: 240589D9
Source: Rabbit	UNIPROT ID: P21579	
Isotype: IgG	Full Name: synaptotagmin I	
Immunogen Catalog Number: AG5970	Calculated MW: 48 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

83637-1-PBS targets Synaptotagmin-1 as part of a matched antibody pair:

MP00633-1: 83637-2-PBS capture and 83637-1-PBS detection (validated in Cytometric bead array)

MP00633-3: 83637-3-PBS capture and 83637-1-PBS detection (validated in Cytometric bead array)

MP00633-4: 83637-1-PBS capture and 83637-5-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

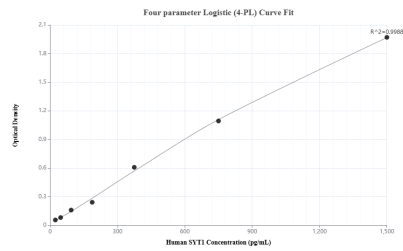
For technical support and original validation data for this product please contact:

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

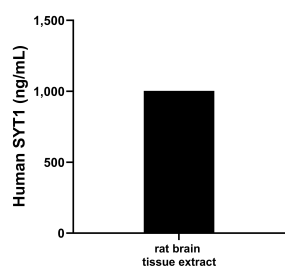
E: proteintech@ptglab.com
W: ptglab.com

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

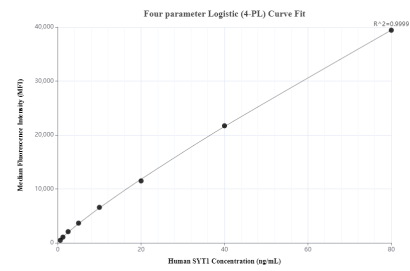
Selected Validation Data



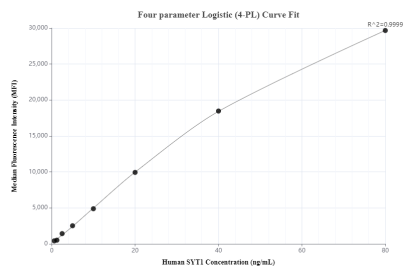
Sandwich ELISA standard curve of MP00633-4, Human Synaptotagmin-1 Recombinant Matched Antibody Pair - PBS only. 83637-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag5970. 83637-5-PBS was HRP conjugated as the detection antibody. Range: 23.4-1500 pg/mL



The mean human Synaptotagmin-1 concentration was determined to be 1,002.8 ng/mL in rat brain tissue extract based on a 3.0 mg/mL extract load.



Cytometric bead array standard curve of MP00633-1, Synaptotagmin-1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83637-2-PBS. Detection antibody: 83637-1-PBS. Standard: Ag5970. Range: 0.625-80 ng/mL.



Cytometric bead array standard curve of MP00633-3, Synaptotagmin-1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83637-3-PBS. Detection antibody: 83637-1-PBS. Standard: Ag5970. Range: 0.625-80 ng/mL