

For Research Use Only

Mouse Angiopoietin-like 3/ANGPTL3 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 83165-1-PBS



Basic Information

Catalog Number: 83165-1-PBS	GenBank Accession Number: NM_013913.4	Purification Method: Protein A purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 30924	CloneNo.: 230498C5
Source: Rabbit	UNIPROT ID: Q9R182	
Isotype: IgG	Full Name: angiopoietin-like 3	
	Calculated MW: 53KD	

Applications

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

Species Specificity:
mouse

Product Information

83165-1-PBS targets Angiopoietin-like 3/ANGPTL3 as part of a matched antibody pair:

MP00227-1: 83165-1-PBS capture and 83165-2-PBS detection (validated in Cytometric bead array)

MP00227-2: 83165-2-PBS capture and 83165-1-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

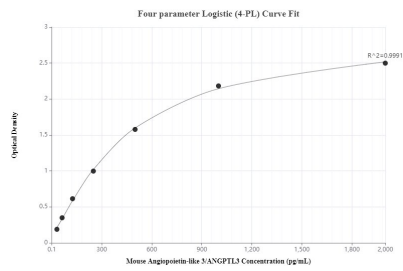
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

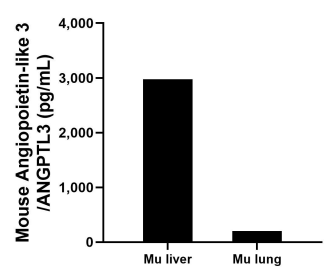
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

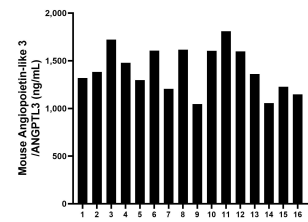
Selected Validation Data



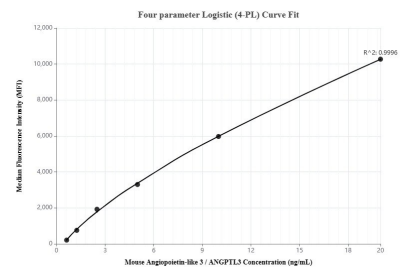
Sandwich ELISA standard curve of MP00227-2, Mouse Angiopoietin-like 3/ANGPTL3 Monoclonal Matched Antibody Pair - PBS only. 83165-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0662. 83165-1-PBS was HRP conjugated as the detection antibody. Range: 31.25-2000 pg/mL



Organs from 2-3 mice were removed, rinsed in PBS, and kept on ice. The organs were then homogenized using a tissue homogenizer and cultured in RPMI supplemented with 10% fetal bovine serum, 2 mM L-glutamine, 100 U/mL penicillin, and 100 mg/mL streptomycin sulfate. Cell culture supernatants from liver tissue measured 2,972.7 pg/mL and lung tissue measured 205.3 pg/mL



Serum of sixteen individual healthy mice were measured. The Mouse Angiopoietin-like 3/ANGPTL3 concentration of detected samples was determined to be 1,404.9 ng/mL with a range of 1,046.2-1,810.6 ng/mL



Cytometric bead array standard curve of MP00227-1, Mouse Angiopoietin-like 3/ANGPTL3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83165-1-PBS. Detection antibody: 83165-2-PBS. Standard: Eg0662. Range: 0.625-20 ng/mL