

For Research Use Only

Mouse IL-6 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 83795-1-PBS



Basic Information

Catalog Number: 83795-1-PBS	GenBank Accession Number: NM_031168	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 16193	CloneNo.: 240701E8
Source: Rabbit	UNIPROT ID: P08505	
Isotype: IgG	Full Name: interleukin 6	
	Calculated MW: 24 kDa	

Applications

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

Species Specificity:
mouse

Product Information

83795-1-PBS targets IL-6 as part of a matched antibody pair:

MP00756-1: 83795-1-PBS capture and 83795-3-PBS detection (validated in Cytometric bead array)

MP00756-4: 83795-6-PBS capture and 83795-1-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

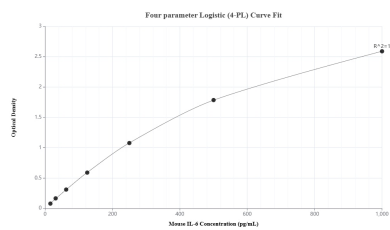
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

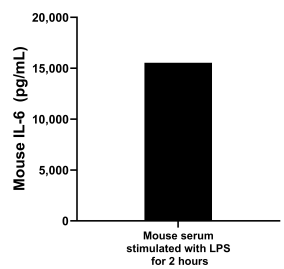
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

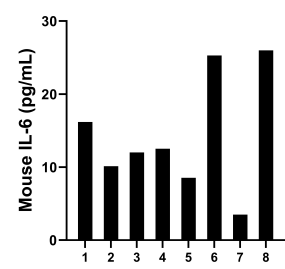
Selected Validation Data



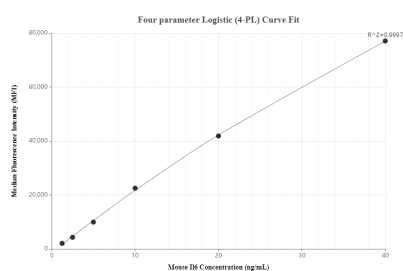
Sandwich ELISA standard curve of MP00756-4, Mouse IL-6 Recombinant Matched Antibody Pair-PBS only. 83795-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0973. 83795-1-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL



A mouse was stimulated with 15 µg of LPS and was bled 2 hours after stimulation. The serum was tested for mouse IL-6 and measured 15,539.3 pg/mL



Serum of eight mice was measured. The mouse IL-6 concentration of detected samples was determined to be 14.3 pg/mL with a range of 3.5-25.9 pg/mL



Cytometric bead array standard curve of MP00756-1, MOUSE IL-6 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83795-1-PBS. Detection antibody: 83795-3-PBS. Standard: Eg0973. Range: 1.25-40 ng/mL