

For Research Use Only

Mouse GM-CSF Recombinant antibody, PBS Only (Detector)

Catalog Number: 82861-8-PBS



Basic Information

Catalog Number: 82861-8-PBS	GenBank Accession Number: NM-009969	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 12981	CloneNo.: 230286A10
Source: Rabbit	UNIPROT ID: P01587	
Isotype: IgG	Full Name: colony stimulating factor 2 (granulocyte-macrophage)	

Applications

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

Species Specificity:
mouse

Product Information

82861-8-PBS targets GM-CSF as part of a matched antibody pair:

MP00306-2: 82861-9-PBS capture and 82861-8-PBS detection (validated in Cytometric bead array)

MP00306-3: 82861-10-PBS capture and 82861-8-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

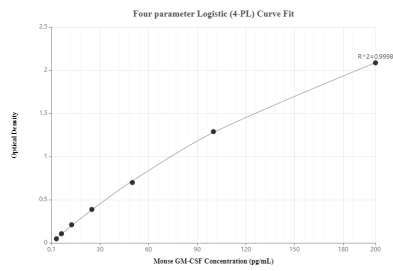
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

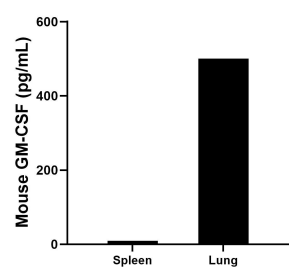
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

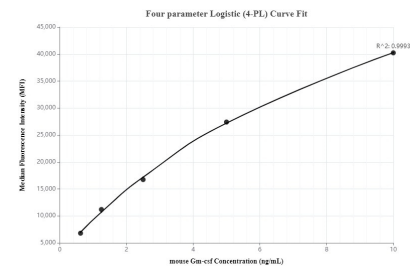
Selected Validation Data



Sandwich ELISA standard curve of MP00306-3, GM-CSF Recombinant Matched Antibody Pair - PBS only. 82861-10-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0512.82861-8-PBS was HRP conjugated as the detection antibody. Range: 3.13-200 pg/mL



Spleen and lung from one mouse were chopped into 1-2 mm pieces and seeded into approximately 30 mL of media containing RPMI, 10% fetal bovine serum, 50 µM β-mercaptoethanol, and L-glutamine. The mean GM-CSF concentration was determined to be 9.5 pg/mL in spleen supernatant, 500.5 pg/mL in lung supernatant.



Cytometric bead array standard curve of MP00306-2, Mouse GM-CSF Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82861-9-PBS. Detection antibody: 82861-8-PBS. Standard: Eg0512. Range: 0.625-10 ng/mL