

For Research Use Only

Mouse Ccl6 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 86545-1-PBS



Basic Information

Catalog Number: 86545-1-PBS	GenBank Accession Number: NM_009139.3	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 20305	CloneNo.: 250240D7
Source: Rabbit	UNIPROT ID: P27784	
Isotype: IgG	Full Name: chemokine (C-C motif) ligand 6	
Immunogen Catalog Number: EG2957	Calculated MW: 13 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
mouse

Product Information

86545-1-PBS targets Ccl6 as part of a matched antibody pair.

MP02473-1: 86545-2-PBS capture and 86545-1-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

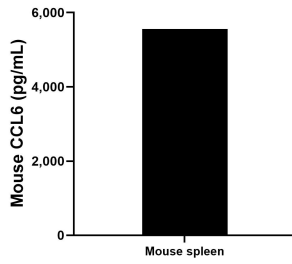
For technical support and original validation data for this product please contact:

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.

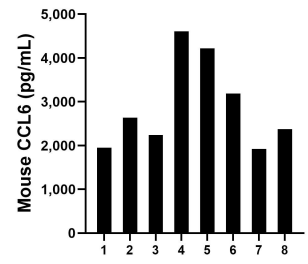
Selected Validation Data



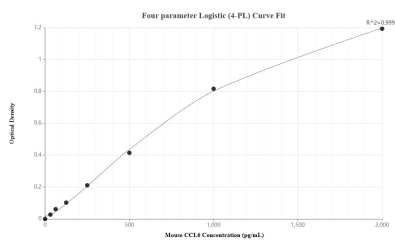
The mean CCL6 concentration was determined to be 5,558.1 pg/mL in mouse spleen tissue extract based on a 8.4 mg/mL extract load.



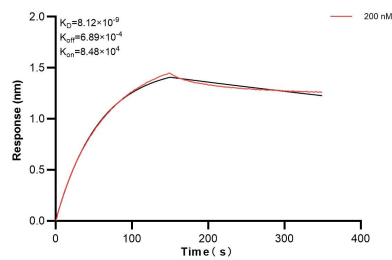
Mouse spleen tissue (2 spleens in 1-2 mm pieces in 100 mL of medium) was cultured for 3 days in RPMI supplemented with 10% fetal bovine serum, 5 μ M β -mercaptoethanol, 2 mM L-glutamine, 100 U/mL penicillin, and 100 μ g/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for mouse CCL6, and measured 203.2 pg/mL



Serum of eight mice was measured. The mouse CCL6 concentration of detected samples was determined to be 2,892.9 pg/mL with a range of 1,924.1 - 4,606.3 pg/mL



Sandwich ELISA standard curve of MP02473-1, Mouse CCL6 Recombinant Matched Antibody Pair - PBS only. 86545-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2957. 86545-1-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



Biolayer interferometry (BLI) kinetic assay of 86545-1-PBS against Mouse Ccl6 was performed. The affinity constant is 8.12 nM.