

For Research Use Only

Mouse IL-4 Recombinant antibody, PBS Only (Detector)

Catalog Number: 85179-6-PBS



Basic Information

Catalog Number: 85179-6-PBS	GenBank Accession Number: BC027514	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 16189	CloneNo.: 242736D10
Source: Rabbit	UNIPROT ID: P07750	
Isotype: IgG	Full Name: interleukin 4	
Immunogen Catalog Number: EG3750		

Applications

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

Species Specificity:
mouse

Product Information

85179-6-PBS targets IL-4 as part of a matched antibody pair:

MP01896-3: 85179-7-PBS capture and 85179-6-PBS detection (validated in Cytometric bead array)

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.

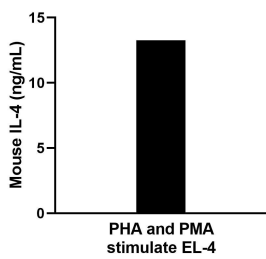
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

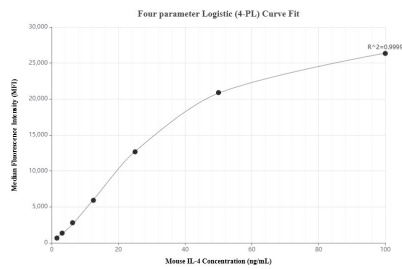
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



EL-4 mouse lymphoblast cells (9×10^5 cells/mL) were cultured for 2 days in DMEM supplemented with 10% fetal bovine serum and stimulated with 10 μ g/mL PHA and 10 ng/mL PMA. An aliquot of the culture supernatant was removed, assayed for mouse IL-4, and measured 13.4 ng/mL.



Cytometric bead array standard curve of MP01896-3, MOUSE IL-4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85179-7-PBS. Detection antibody: 85179-6-PBS. Standard: Eg3750. Range: 1.563-100 ng/mL.