

For Research Use Only

Mouse IL-4 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 85179-10-PBS



Basic Information

Catalog Number: 85179-10-PBS	GenBank Accession Number: BC027514	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 16189	CloneNo.: 251776F7
Source: Rabbit	UNIPROT ID: P07750	
Isotype: IgG	Full Name: interleukin 4	
Immunogen Catalog Number: EG3750		

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
mouse

Product Information

85179-10-PBS targets IL-4 as part of a matched antibody pair.

MP01896-4: 85179-10-PBS capture and 85179-9-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

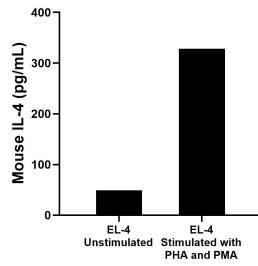
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

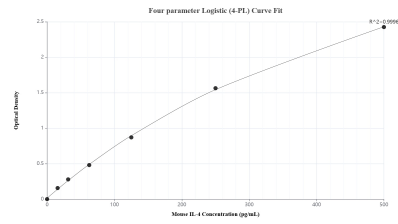
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



EL-4 cells were cultured unstimulated or stimulated with 10 μ g/mL PHA and 10 ng/mL PMA for 2 days. The mean IL-4 concentration was determined to be 49.1 pg/mL in unstimulated EL-4 supernatant, 328.2 pg/mL in stimulated EL-4 supernatant.



Sandwich ELISA standard curve of MP01896-4, Mouse IL-4 Recombinant Matched Antibody Pair - PBS only. 85179-10-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3750. 85179-9-PBS was HRP conjugated as the detection antibody. Range: 15.6-500 pg/mL