

For Research Use Only

Mouse Il10 Recombinant antibody, PBS Only (Capture)

Catalog Number: 82191-5-PBS



Basic Information

Catalog Number: 82191-5-PBS	GenBank Accession Number: NM_010548	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 16153	CloneNo.: 240430A11
Source: Rabbit	UNIPROT ID: P18893	
Isotype: IgG	Full Name: interleukin 10	
	Calculated MW: 21 kDa	

Applications

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

Species Specificity:
mouse

Product Information

82191-5-PBS targets Il10 as part of a matched antibody pair:

MP00507-1: 82191-5-PBS capture and 82191-2-PBS detection (validated in Cytometric bead array)

MP00507-4: 82191-5-PBS capture and 82191-7-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.

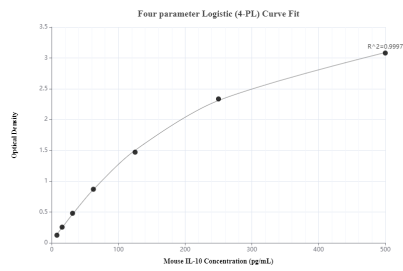
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

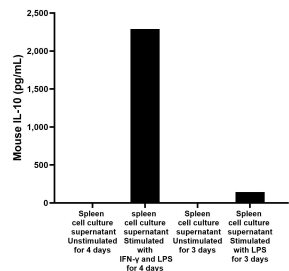
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

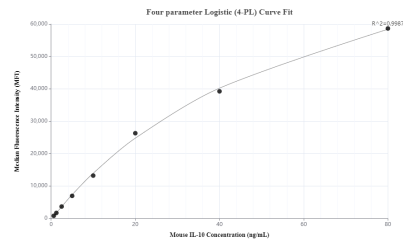
Selected Validation Data



Sandwich ELISA standard curve of MP00507-4, IL-10 Recombinant Matched Antibody Pair - PBS only. 82191-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0026.82191-7-PBS was HRP conjugated as the detection antibody. Range: 7.8-500 pg/mL



Mouse splenocytes (1×10^6 cells/mL) were cultured for 4 days in RPMI supplemented with 10% fetal calf serum, 100 ng/mL of recombinant mouse IFN- γ and 1 μ g/mL of LPS. The mean IL-10 concentration was determined to be 7.59 pg/mL in unstimulated spleen cell culture supernatant, 2,461.0 pg/mL in IFN- γ and LPS stimulated spleen cell culture supernatant. Mouse splenocytes (1×10^6 cells/mL) were cultured for 3 days in RPMI supplemented



Cytometric bead array standard curve of MP00507-1, MOUSE IL-10 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82191-5-PBS. Detection antibody: 82191-2-PBS. Standard: Eg0026. Range: 0.625-80 ng/mL

