

For Research Use Only

Mouse IL-1R1 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84094-5-PBS



Basic Information

Catalog Number: 84094-5-PBS	GenBank Accession Number: NM_008362.2	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 16177	CloneNo.: 241392H8
Source: Rabbit	UNIPROT ID: P13504-1	
Isotype: IgG	Full Name: interleukin 1 receptor, type I	
	Calculated MW: 67 kDa	

Applications

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

Species Specificity:
mouse

Product Information

84094-5-PBS targets IL-1R1 as part of a matched antibody pair:

MP01012-1: 84094-5-PBS capture and 84094-1-PBS detection (validated in Cytometric bead array, 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.

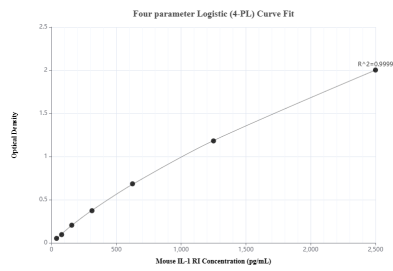
Storage

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

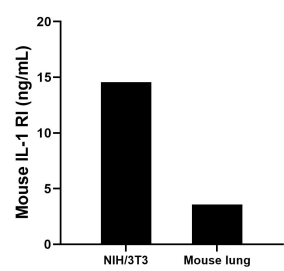
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

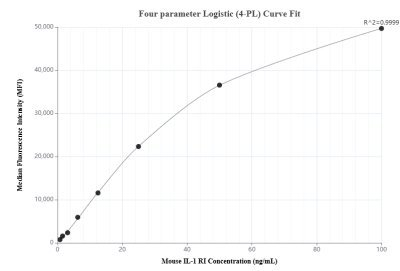
Selected Validation Data



Sandwich ELISA standard curve of MP01012-1, Mouse IL-1R1 Recombinant Matched Antibody Pair - PBS only. 84094-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1158. 84094-1-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



The mean IL-1R1 concentration was determined to be 14.57 ng/mL in NIH/3T3 cell extract based on a 2.5 mg/mL extract load and 3.58 ng/mL in rat lung tissue extract based on a 4.0 mg/mL extract load.



Cytometric bead array standard curve of MP01012-1, MOUSE IL-1R1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84094-5-PBS. Detection antibody: 84094-1-PBS. Standard: Eg1158. Range: 0.781-100 ng/mL