

For Research Use Only

IL12RB1 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84391-3-PBS



Basic Information

Catalog Number: 84391-3-PBS	GenBank Accession Number: BC029121	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3594	CloneNo.: 241661A10
Source: Rabbit	UNIPROT ID: P42701	
Isotype: IgG	Full Name: interleukin 12 receptor, beta 1	
	Calculated MW: 662 aa, 73 kDa	

Applications

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

Species Specificity:
human

Product Information

84391-3-PBS targets IL12RB1 as part of a matched antibody pair:

MP01262-2: 84391-3-PBS capture and 84391-4-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

MP01262-3: 84391-3-PBS capture and 84391-1-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

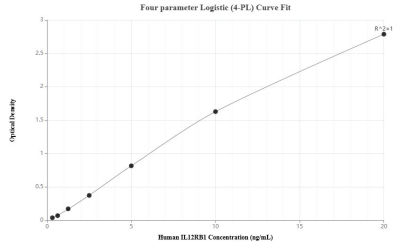
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

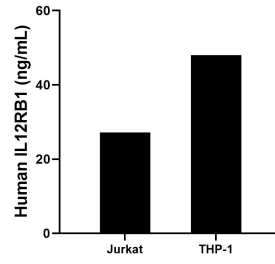
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

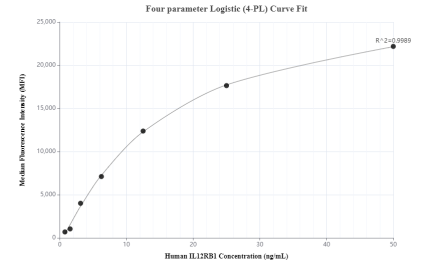
Selected Validation Data



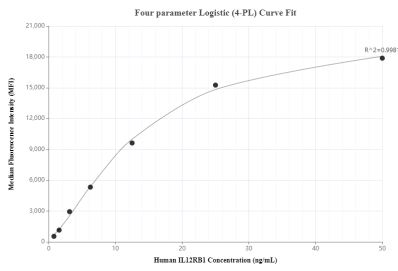
Sandwich ELISA standard curve of MP01262-2, Human IL12RB1 Recombinant Matched Antibody Pair - PBS only. 84391-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard RP00005. 84391-4-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



The mean IL12RB1 concentration was determined to be 27.14 ng/mL in Jurkat cell extract based on a 1.9 mg/mL extract load and 48.02 ng/mL in THP-1 cell extract based on a 1.5 mg/mL extract load.



Cytometric bead array standard curve of MP01262-2, IL12RB1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84391-3-PBS. Detection antibody: 84391-4-PBS. Standard: RP00005. Range: 0.781-50 ng/mL



Cytometric bead array standard curve of MP01262-3, IL12RB1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84391-3-PBS. Detection antibody: 84391-1-PBS. Standard: RP00005. Range: 0.781-50 ng/mL