

For Research Use Only

IL-4RA/CD124 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84414-7-PBS



Basic Information

Catalog Number: 84414-7-PBS	GenBank Accession Number: NM_000418.4	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3566	CloneNo.: 241824F4
Source: Rabbit	UNIPROT ID: P24394-1	
Isotype: IgG	Full Name: interleukin 4 receptor	
	Calculated MW: 90 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

84414-7-PBS targets IL-4RA/CD124 as part of a matched antibody pair:

MP01282-4: 84414-7-PBS capture and 84414-2-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

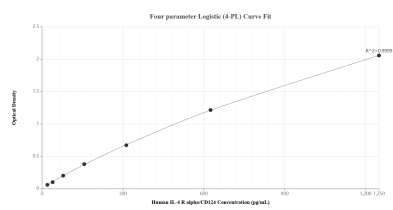
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

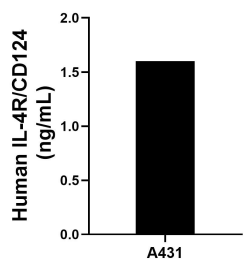
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

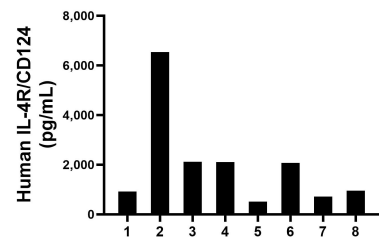
Selected Validation Data



Sandwich ELISA standard curve of MP01282-4, Human IL-4RA/CD124 Recombinant Matched Antibody Pair - PBS only. 84414-7-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1684. 84414-2-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL



The mean IL-4RA/CD124 concentration was determined to be 1.60 ng/mL in A431 cell extract based on a 1.3 mg/mL extract load.



Serum of eight individual healthy human donors was measured. The IL-4RA/CD124 concentration of detected samples was determined to be 1,993.2 pg/mL with a range of 517.2-6,543.1 pg/mL