

For Research Use Only

IL-13 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84158-3-PBS



Basic Information

Catalog Number: 84158-3-PBS	GenBank Accession Number: AAK53823	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3596	CloneNo.: 241396E12
Source: Rabbit	UNIPROT ID: P35225	
Isotype: IgG	Full Name: interleukin 13	

Applications

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

Species Specificity:
human

Product Information

84158-3-PBS targets IL-13 as part of a matched antibody pair:

MP01078-2: 84158-2-PBS capture and 84158-3-PBS detection (validated in Cytometric bead array)

MP01078-3: 84158-5-PBS capture and 84158-3-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.

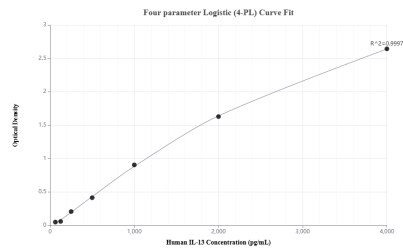
Storage

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

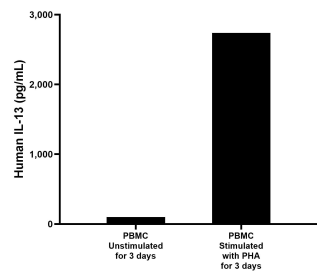
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

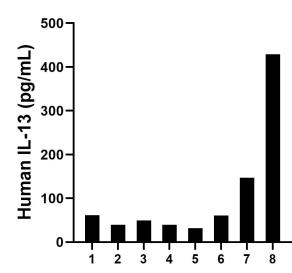
Selected Validation Data



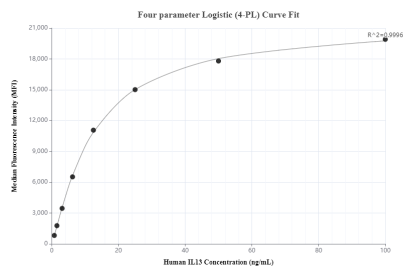
Sandwich ELISA standard curve of MP01078-3, Human IL-13 Recombinant Matched Antibody Pair - PBS only. 84158-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0061. 84158-3-PBS was HRP conjugated as the detection antibody. Range: 62.5-4000 pg/mL



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 µg/mL PHA for 3 days. The mean IL-13 concentration was determined to be 101.1 pg/mL in unstimulated PBMC supernatant, 2,738.4 pg/mL in PHA stimulated PBMC supernatant.



Serum of eight individual healthy human donors was measured. The human IL-13 concentration of detected samples was determined to be 50.3 pg/mL with a range of 31.9 - 429.1 pg/mL.



Cytometric bead array standard curve of MP01078-2, IL-13 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84158-2-PBS. Detection antibody: 84158-3-PBS. Standard: Eg0061. Range: 0.781-100 ng/mL