

For Research Use Only

IL13 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84158-5-PBS



Basic Information

Catalog Number:

84158-5-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

AAK53823

GeneID (NCBI):

3596

UNIPROT ID:

P35225

Full Name:

interleukin 13

Purification Method:

Protein A purification

CloneNo.:

241396H6

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

human

Product Information

84158-5-PBS targets IL13 as part of a matched antibody pair:

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

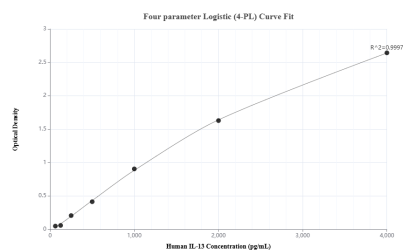
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

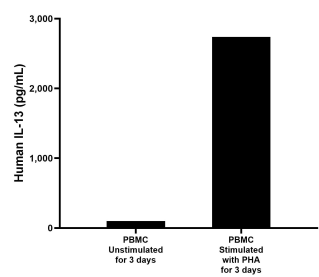
E: proteintech@ptglab.com
W: ptglab.com

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

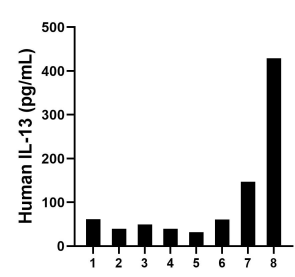
Selected Validation Data



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.