

For Research Use Only

IL-3 Recombinant antibody, PBS Only (Capture)



Catalog Number: 83544-4-PBS

Basic Information

Catalog Number: 83544-4-PBS	GenBank Accession Number: NM_000588.3	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3562	CloneNo.: 240417G4
Source: Rabbit	UNIPROT ID: P08700	
Isotype: IgG	Full Name: interleukin 3 (colony-stimulating factor, multiple)	
	Calculated MW: 17 kDa	

Applications

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

Species Specificity:
human

Product Information

83544-4-PBS targets IL-3 as part of a matched antibody pair:

MP00526-1: 83544-1-PBS capture and 83544-4-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

MP00526-3: 83544-4-PBS capture and 83544-2-PBS detection (validated in Cytometric bead array)

MP00526-4: 83544-4-PBS capture and 83544-1-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

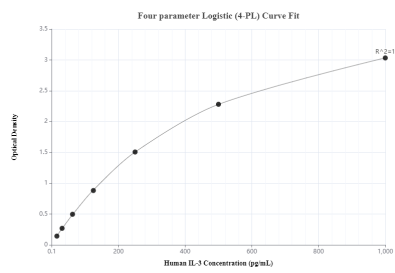
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

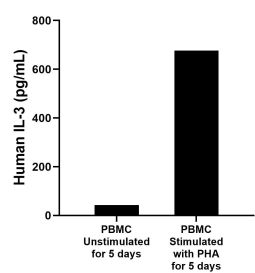
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

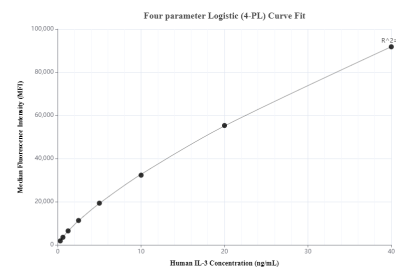
Selected Validation Data



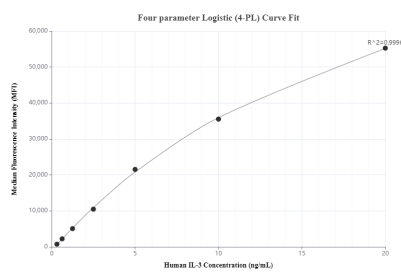
Sandwich ELISA standard curve of MP00526-1, IL-3 Recombinant Matched Antibody Pair - PBS only. 83544-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0829.83544-4-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 µg/mL PHA for 5 days. The mean IL-3 concentration was determined to be 43.17 pg/mL in unstimulated PBMC supernatant, 676.99 pg/mL in PHA stimulated PBMC supernatant.



Cytometric bead array standard curve of MP00526-1, IL-3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83544-1-PBS. Detection antibody: 83544-4-PBS. Standard: Eg0829. Range: 0.313-40 ng/mL



Cytometric bead array standard curve of MP00526-3, IL-3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83544-4-PBS. Detection antibody: 83544-2-PBS. Standard: Eg0829. Range: 0.313-20 ng/mL