

For Research Use Only

IL-17A Monoclonal antibody, PBS Only (Capture)

Catalog Number: 69021-2-PBS



Basic Information

Catalog Number: 69021-2-PBS	GenBank Accession Number: GeneID (NCBI): 3605	Purification Method: Protein G purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	ENSEMBL Gene ID: ENSG00000112115	CloneNo.: 1E3H1
Source: Mouse	Full Name: interleukin 17A	
Isotype: IgG1		
Immunogen Catalog Number: HZ-1113		

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

69021-2-PBS targets IL-17A as part of a matched antibody pair.

MP50004-1: 69021-2-PBS capture and 69021-1-PBS detection (validated in Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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

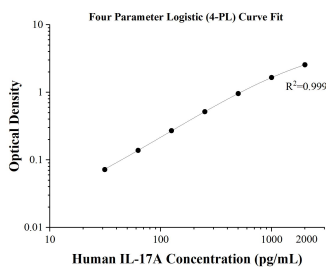
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

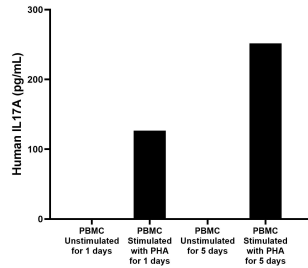
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

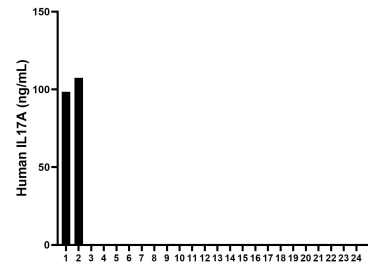
Selected Validation Data



Sandwich ELISA standard curve of MP50004-1, IL17A Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 69021-2-PBS. Detection antibody: 69021-1-PBS. Standard: HZ-1113. Range: 31.25-2000 pg/mL



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 µg/mL PHA for 3 days or 5 days. The mean IL17A concentration was undetected in unstimulated PBMC supernatant, 126.6 pg/mL in PBMC supernatant stimulated with PHA for 1 day and 251.8 pg/mL in PBMC supernatant stimulated with PHA for 5 days.



Twenty-four serum samples from volunteers were evaluated for human IL-17A in this assay. twenty-two samples measured less than the lowest standard, 31.25 pg/mL. Two samples measured 98.5 pg/mL and 107.5 pg/mL respectively. No medical histories were available for the donors used in this study.