

For Research Use Only

IL-16 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 86927-4-PBS



Basic Information

Catalog Number: 86927-4-PBS	GenBank Accession Number: AAC12732.1	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3603	CloneNo.: 251661F6
Source: Rabbit	Full Name: interleukin 16 (lymphocyte chemoattractant factor)	
Isotype: IgG	Calculated MW: 9 kDa	
Immunogen Catalog Number: EG4831		

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

86927-4-PBS targets IL-16 as part of a matched antibody pair:

MP02772-2: 86927-5-PBS capture and 86927-4-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.

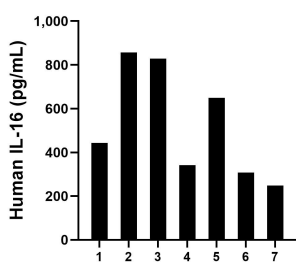
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

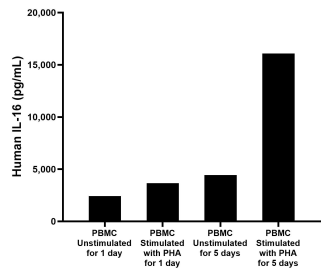
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

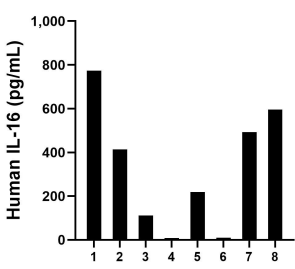
Selected Validation Data



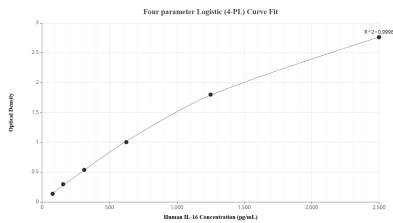
Plasma of seven individual healthy human donors was measured. The IL-16 concentration of detected samples was determined to be 525.1 pg/mL with a range of 248.0-857.4 pg/mL.



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 ug/mL PHA for 1 day or 5 days. For the PBMC supernatant cultured for 1 day, the mean IL-16 concentration was determined to be 2,424.2 pg/mL in unstimulated PBMC supernatant, 3,654.0 pg/mL in PHA stimulated PBMC supernatant. For the PBMC supernatant cultured for 5 days, the mean IL-16 concentration was determined to be 4,432.6 pg/mL in



Serum of eight individual healthy human donors was measured. The IL-16 concentration of detected samples was determined to be 327.9 pg/mL with a range of 8.0-773.7 pg/mL.



Sandwich ELISA standard curve of MP02772-2, Human IL-16 Recombinant Matched Antibody Pair - PBS only. 86927-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg4831. 86927-4-PBS was biotinylated as the detection antibody. Range: 78.1-2500 pg/mL