

For Research Use Only

IL-33 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 83765-5-PBS



Basic Information

Catalog Number: 83765-5-PBS	GenBank Accession Number: BC047085	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 90865	CloneNo.: 252156G9
Source: Rabbit	UNIPROT ID: O95760	
Isotype: IgG	Full Name: interleukin 33	
Immunogen Catalog Number: EG7061	Calculated MW: 30 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

83765-5-PBS targets IL-33 as part of a matched antibody pair:

MP00763-4: 83765-6-PBS capture and 83765-5-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.

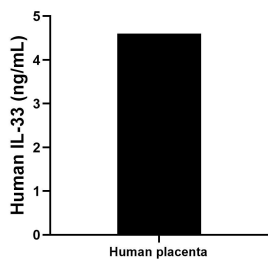
Storage

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

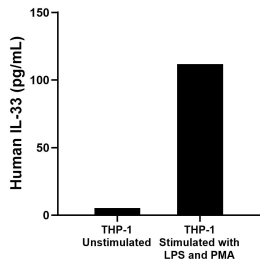
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

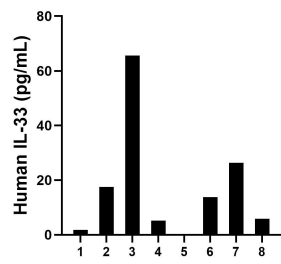
Selected Validation Data



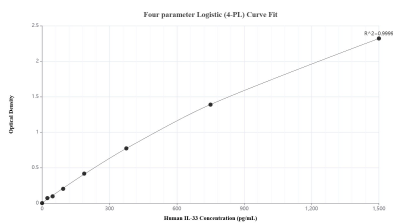
The mean IL-33 concentration was determined to be 4.6 ng/mL in human placenta tissue extract based on a 3.8 mg/mL extract load.



THP-1 cells were cultured unstimulated or stimulated with 1 µg/mL LPS and 50 ng/mL PMA for 1 day. The mean IL-33 concentration was determined to be 5.2 pg/mL in unstimulated supernatant and 111.7 pg/mL in stimulated supernatant.



Plasma of eight individual healthy human donors was measured. The IL-33 concentration of detected samples was determined to be 19.5 pg/mL with a range of ND-65.6 pg/mL.



Sandwich ELISA standard curve of MP00763-4, Human IL-33 Recombinant Matched Antibody Pair - PBS only. 83765-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg7061. 83765-5-PBS was biotinylated as the detection antibody. Range: 23.4-1500 pg/mL.