

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
Source: Rabbit	GeneID (NCBI): 90865	CloneNo.: 252156G9
Isotype: IgG	UNIPROT ID: O95760	
Immunogen Catalog Number: EG7061	Full Name: interleukin 33	
	Calculated MW: 30 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Background Information

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

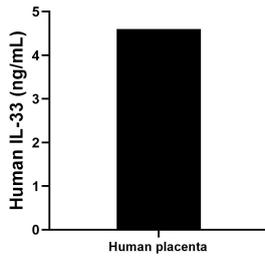
T: 4006900926

E: Proteintech-CN@ptglab.com

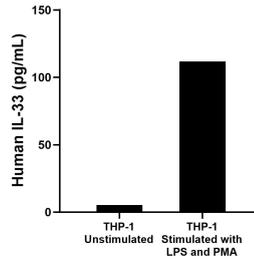
W: ptgcn.com

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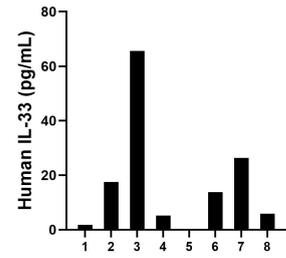
Selected Validation Data



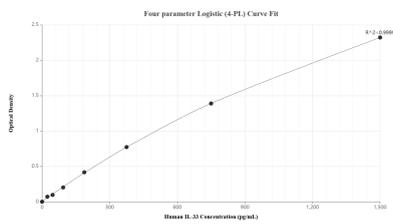
The mean IL-33 concentration was determined to be 4.6 ng/mL in human placenta tissue extract based on a 3.8 mg/mL extract load.



THP-1 cells were cultured unstimulated or stimulated with 1 μ g/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.