

IL-33 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00763-4

Capture Antibody Information

Catalog Number:

83765-6-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

252156C5

Reactivity:

human

Immunogen Catalog Number:

Eg7061

Conjugate:

Unconjugated

Full name:

interleukin 33

Gene ID:

90865

Detection Antibody Information

Catalog Number:

83765-5-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

252156G9

Reactivity:

human

GenBank:

BC047085

Immunogen Catalog Number:

Eg7061

Conjugate:

Unconjugated

Full name:

interleukin 33

Gene ID:

90865

Applications

Tested Applications:

Sandwich ELISA

Range:

23.4-1500 pg/mL (Sandwich ELISA)

Recommended Dilutions:

It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP00763-4 targets IL-33 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: IL-33 Recombinant monoclonal antibody, PBS Only (Capture) 83765-6-PBS (252156C5). 100 µg. Concentration 1 mg/mL.

Detection antibody: IL-33 Recombinant monoclonal antibody, PBS Only (Detector) 83765-5-PBS (252156G9). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized 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:

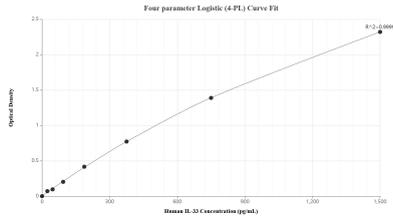
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

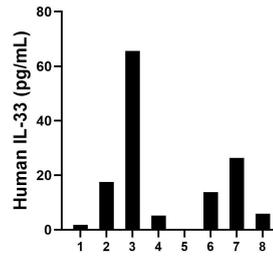
W: ptglab.com

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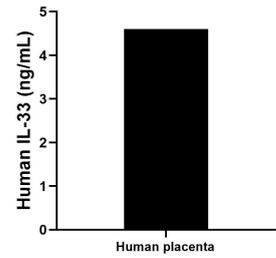
Selected Validation Data



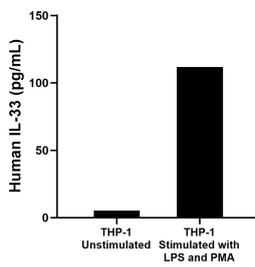
Sandwich ELISA standard curve of MP00763-4, Human IL-33 Recombinant Matched Antibody Pair - PBS only. 83765-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg7061. 83765-5-PBS was biotinylated as the detection antibody. Range: 23.4-1500 pg/mL



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.



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.