

For Research Use Only

# IL-17A Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP03186-1

## Capture Antibody Information

Catalog Number:

87785-2-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

252603B3

Reactivity:

human

Immunogen Catalog Number:

Eg5854

Conjugate:

Unconjugated

Full name:

interleukin 17A

Gene ID:

3605

## Detection Antibody Information

Catalog Number:

87785-1-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

252603B7

Reactivity:

human

GenBank:

NM\_002190.2

Immunogen Catalog Number:

Eg5854

Conjugate:

Unconjugated

Full name:

interleukin 17A

Gene ID:

3605

## Applications

Tested Applications:

Sandwich ELISA

Range:

31.3-2000 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

MP03186-1 targets IL-17A in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: IL17A Recombinant monoclonal antibody, PBS Only (Capture) 87785-2-PBS (252603B3). 100 µg. Concentration 1 mg/mL.

Detection antibody: IL17A Recombinant monoclonal antibody, PBS Only (Detector) 87785-1-PBS (252603B7). 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:

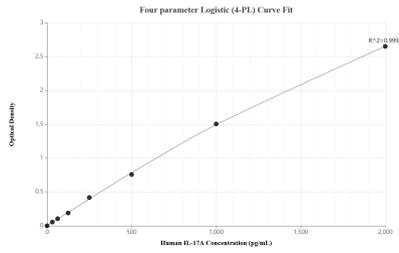
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E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)

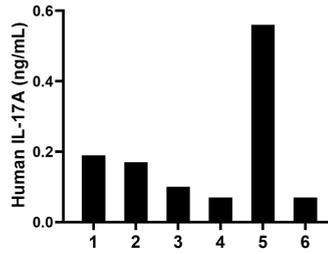
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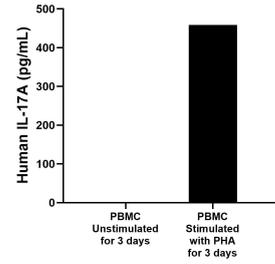
## Selected Validation Data



Sandwich ELISA standard curve of MP03186-1, Human IL-17A Recombinant Matched Antibody Pair - PBS only. 87785-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg5854. 87785-1-PBS was HRP conjugated as the detection antibody. Range: 31.3-2000 pg/mL



Serum of six individual healthy human donors was measured. The IL-17A concentration of detected samples was determined to be 0.2 ng/mL with a range of 0.1-0.6 ng/mL



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 µg/mL PHA for 3 days. The mean IL-17A concentration was undetectable in unstimulated PBMC supernatant, 458.6 pg/mL in PHA stimulated PBMC supernatant.