

# IDO1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00982-3

## Capture Antibody Information

**Catalog Number:**

84063-1-PBS

**Host:**

Rabbit

**Isotype:**

IgG

**Purification Method:**

Protein A purification

**Clone ID:**

241110C8

**Reactivity:**

human

**Immunogen Catalog Number:**

Ag3953

**Conjugate:**

Unconjugated

**Full name:**

indoleamine 2,3-dioxygenase 1

**Gene ID:**

3620

## Detection Antibody Information

**Catalog Number:**

84063-4-PBS

**Host:**

Rabbit

**Isotype:**

IgG

**Purification Method:**

Protein A purification

**Clone ID:**

241110F5

**Reactivity:**

human

**GenBank:**

BC027882

**Immunogen Catalog Number:**

Ag3953

**Conjugate:**

Unconjugated

**Full name:**

indoleamine 2,3-dioxygenase 1

**Gene ID:**

3620

## Applications

**Tested Applications:**

Cytometric bead array, Sandwich ELISA

**Range:**

1.25-40 ng/mL (Cytometric Bead Array)  
0.391-25 ng/mL (Sandwich ELISA)

**Recommended Dilutions:**

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

## Product Information

MP00982-3 targets IDO1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: IDO1 Recombinant antibody, PBS Only (Capture) 84063-1-PBS (241110C8). 100 µg. Concentration 1 mg/mL.

Detection antibody: IDO1 Recombinant antibody, PBS Only (Detector) 84063-4-PBS (241110F5). 100 µg. Concentration 1 mg/mL.

Alternative IDO1 matched antibody pairs: MP00982-1, MP00982-2, MP50380-1, MP50380-2, MP50380-3

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:

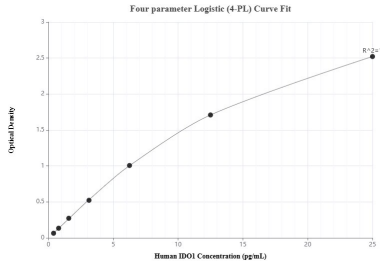
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

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

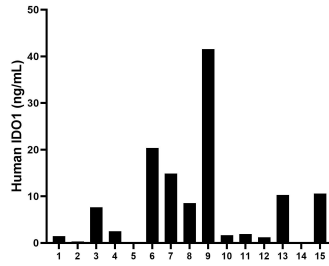
W: [ptglab.com](http://ptglab.com)

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

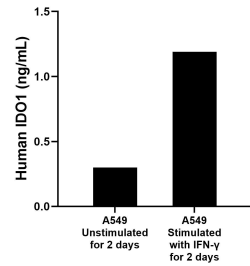
## Selected Validation Data



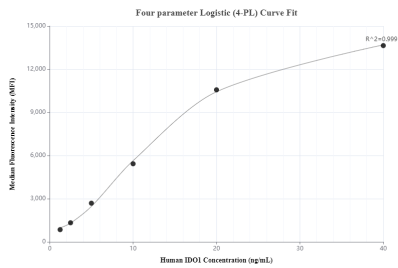
Sandwich ELISA standard curve of MP00982-3, Human IDO1 Recombinant Matched Antibody Pair - PBS only. 84063-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3953. 84063-4-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL



Serum of fifteen individual healthy human donors was measured. The human IDO1 concentration of detected samples was determined to be 8.21 ng/mL with a range of ND - 41.58 ng/mL (ND = Non-detectable)



A549 cells were cultured unstimulated or stimulated with 300 µg/mL IFN-gamma for 5 days. The mean IDO1 concentration was determined to be 0.30 ng/mL in unstimulated A549 supernatant, 1.19 ng/mL in IFN-gamma stimulated A549 supernatant.



Cytometric bead array standard curve of MP00982-3, IDO1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84063-1-PBS. Detection antibody: 84063-4-PBS. Standard: Ag3953. Range: 1.25-40 ng/mL