

For Research Use Only

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
GenBank:
BC027882
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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

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

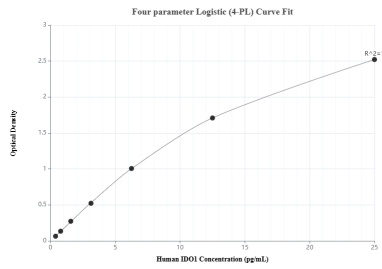
T: 4006900926

E: Proteintech-CN@ptglab.com

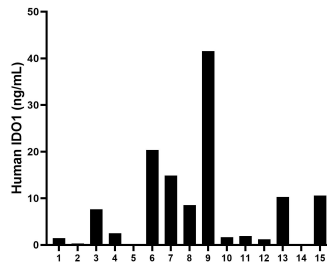
W: ptgcn.com

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

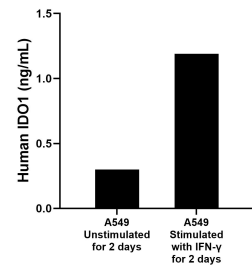
Selected Validation Data



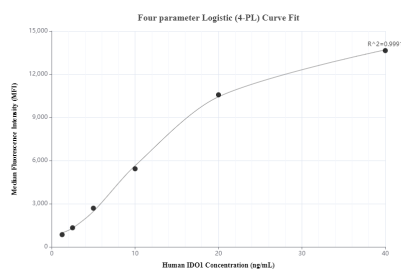
Sandwich ELISA standard curve of MP00982-3, Human IDO1 Recombinant Matched Antibody Pair - PBS only. 84063-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3953. 84063-4-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL



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