

For Research Use Only



TDO2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00219-3

Capture Antibody Information

Catalog Number:
83236-4-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240068A12

Reactivity:
human

GenBank:
BC005355

Immunogen Catalog Number:
Ag8531

Conjugate:
Unconjugated

Full name:
tryptophan 2,3-dioxygenase

Gene ID:
6999

Detection Antibody Information

Catalog Number:
83236-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240068C1

Reactivity:
human

GenBank:
BC005355

Immunogen Catalog Number:
Ag8531

Conjugate:
Unconjugated

Full name:
tryptophan 2,3-dioxygenase

Gene ID:
6999

Applications

Tested Applications:
Sandwich ELISA

Range:
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

MP00219-3 targets TDO2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: TDO2 Recombinant antibody, PBS Only (Capture) 83236-4-PBS (240068A12). 100 µg. Concentration 1 mg/ml.

Detection antibody: TDO2 Recombinant antibody, PBS Only (Detector) 83236-1-PBS (240068C1). 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.

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:

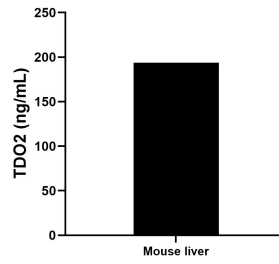
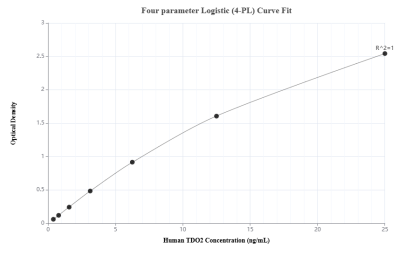
T: 4006900926

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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 MP00219-3, Human TDO2 Recombinant Matched Antibody Pair - PBS only. 83236-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag8531. 83236-1-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL

The mean TDO2 concentration was determined to be 193.90 ng/mL in mouse liver tissue extract based on a 3.7 mg/mL extract load.