

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

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.  
Storage buffer:  
PBS only

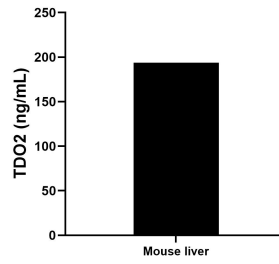
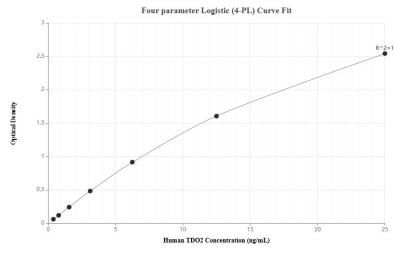
For technical support and original validation data for this product please contact:

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

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## 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.