

For Research Use Only

# TDO2 Recombinant antibody, PBS Only (Capture)

Catalog Number:83236-4-PBS



## Basic Information

<b>Catalog Number:</b> 83236-4-PBS	<b>GenBank Accession Number:</b> BC005355	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6999	<b>CloneNo.:</b> 240068A12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P48775	
<b>Isotype:</b> IgG	<b>Full Name:</b> tryptophan 2,3-dioxygenase	
<b>Immunogen Catalog Number:</b> AG8531	<b>Calculated MW:</b> 406 aa, 48 kDa	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human

## Product Information

83236-4-PBS targets TDO2 as part of a matched antibody pair:

MP00219-3: 83236-4-PBS capture and 83236-1-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
PBS Only

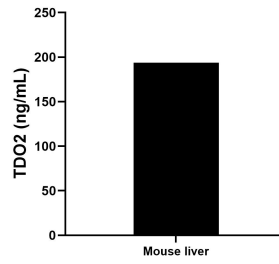
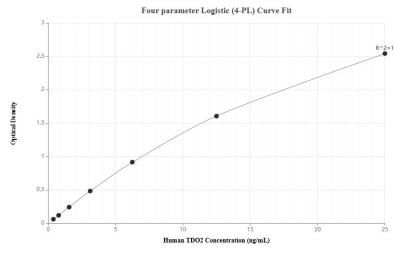
For technical support and original validation data for this product please contact:

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## 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.