

For Research Use Only

# MTHFD2 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 86608-5-PBS



## Basic Information

### Catalog Number:

86608-5-PBS

### Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2911

### GenBank Accession Number:

BC017054

### GeneID (NCBI):

10797

### UNIPROT ID:

P13995

### Full Name:

methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyltetrahydrofolate cyclohydrolase

### Calculated MW:

350 aa, 38 kDa

### Purification Method:

Protein A purification

### CloneNo.:

251431G4

## Applications

### Tested Applications:

Sandwich ELISA, Indirect ELISA

### Species Specificity:

human

## Product Information

86608-5-PBS targets MTHFD2 as part of a matched antibody pair:

MP02548-2: 86608-6-PBS capture and 86608-5-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, pH7.3

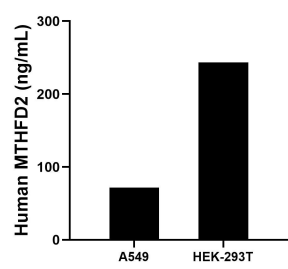
For technical support and original validation data for this product please contact:

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

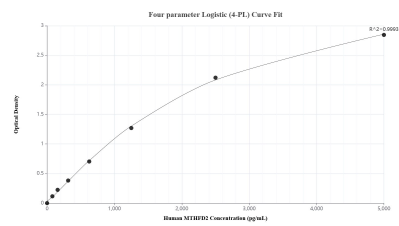
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



The mean MTHFD2 concentration was determined to be 71.5 ng/mL in A549 cell extract based on a 1.2 mg/mL extract load and 243.3 ng/mL in HEK-293T cell extract based on a 1.3 mg/mL extract load.



Sandwich ELISA standard curve of MP02548-2, Human MTHFD2 Recombinant Matched Antibody Pair - PBS only. 86608-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag2911. 86608-5-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.