

# MTHFD2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02548-1**

## Capture Antibody Information

**Catalog Number:**  
86608-1-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
251431D12  
**Reactivity:**  
human  
**Immunogen Catalog Number:**  
Ag2911

**Conjugate:**  
Unconjugated  
**Full name:**  
methylene tetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyl tetrahydrofolate cyclohydrolase  
**Gene ID:**  
10797

## Detection Antibody Information

**Catalog Number:**  
86608-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
251431A10  
**Reactivity:**  
human  
**GenBank:**  
BC017054  
**Immunogen Catalog Number:**  
Ag2911

**Conjugate:**  
Unconjugated  
**Full name:**  
methylene tetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyl tetrahydrofolate cyclohydrolase  
**Gene ID:**  
10797

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.625-80 ng/mL (Cytometric Bead Array)

**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP02548-1 targets MTHFD2 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: MTHFD2 Recombinant antibody, PBS Only (Capture) 86608-1-PBS (251431D12). 100 µg. Concentration 1 mg/mL.

Detection antibody: MTHFD2 Recombinant antibody, PBS Only (Detector) 86608-2-PBS (251431A10). 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.

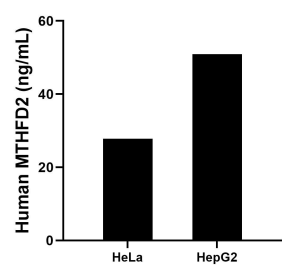
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

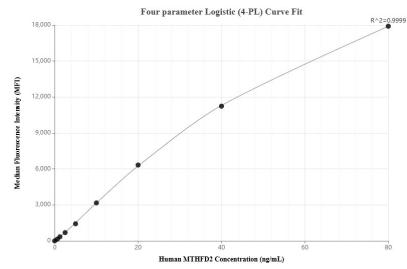
## Storage

**Storage:**  
Store at -80°C.  
**Storage buffer:**  
PBS only

## Selected Validation Data



The mean MTHFD2 concentration was determined to be 27.8 ng/mL in HeLa cell extract based on a 1.1 mg/mL extract load, 50.9 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP02548-1, MTHFD2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86608-1-PBS. Detection antibody: 86608-2-PBS. Standard: Ag2911. Range: 0.625-80 ng/mL.