

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

GenBank:
BC017054

Immunogen Catalog Number:
Ag2911

Conjugate:
Unconjugated

Full name:
methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyltetrahydrofolate 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:
methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyltetrahydrofolate 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.

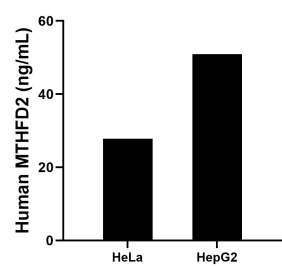
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

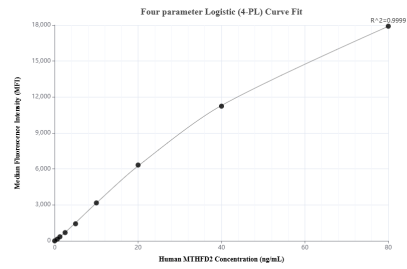
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately 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.