For Research Use Only

MTHFD2 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:86608-6-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
86608-6-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.:
251431D5

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

86608-6-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.

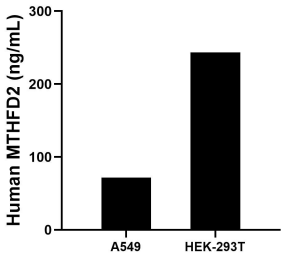
This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

Storage

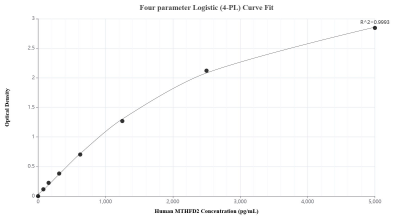
Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

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
W: ptglab.com

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.