For Research Use Only

MTHFR Recombinant antibody, PBS Only (Capture)

Catalog Number:83372-5-PBS

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
83372-5-PBS

Size:
1 mg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG14970

GenBank Accession Number:
BC053509

GeneID (NCBI):
4524

UNIPROT ID:
P42898

Full Name:
5,10-methylenetetrahydrofolate reductase (NADPH)

Calculated MW:
656 aa, 75 kDa

Purification Method:
Protein A purification

CloneNo.:
240348C3

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

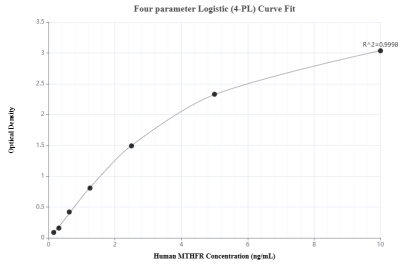
Species Specificity:
human

Background Information

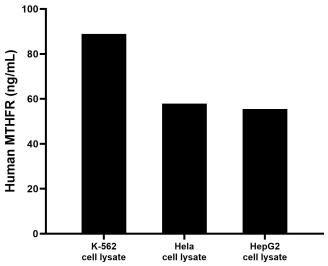
Storage

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

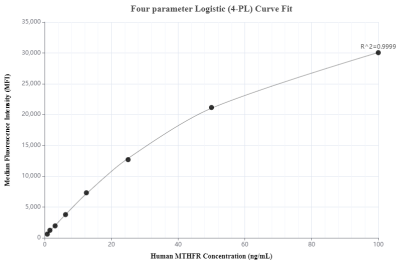
Selected Validation Data



Sandwich ELISA standard curve of MP00372-1, Human MTHFR Recombinant Matched Antibody Pair - PBS only. 83372-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag14970. 83372-4-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



K-562, Hela and HepG2 cell lysates were measured. The human MTHFR concentration of detected samples was determined to be 88.86 ng/mL (based on a 4.5 mg/mL extract load) in K-562 cell lysate, 57.89 ng/mL (based on a 3.2 mg/mL extract load) in Hela cell lysate and 55.55 ng/mL (based on a 5 mg/mL extract load) in HepG2 cell lysate.



Cytometric bead array standard curve of MP00372-1, MTHFR Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83372-5-PBS. Detection antibody: 83372-4-PBS. Standard: Ag14970. Range: 0.78-100 ng/mL.