For Research Use Only

Thymidylate synthase Recombinant Matched Antibody Pair, PBS Only

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Antibodies | ELISA kits | Proteins
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Catalog Number:MP02718-1

Capture Antibody Information

Catalog Number:
86643-3-PBS

Clone ID:
251532E3

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
thymidylate synthetase

Isotype:
IgG

Immunogen Catalog Number:
Ag7027

Gene ID:
7298

Purification Method:
Protein A purification

Detection Antibody Information

Catalog Number:
86643-2-PBS

Clone ID:
251532E4

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
thymidylate synthetase

Isotype:
IgG

GenBank:
BC002567

Gene ID:
7298

Purification Method:
Protein A purification

Immunogen Catalog Number:
Ag7027

Applications

Tested Applications:
Sandwich ELISA

Range:
1.56-100 ng/mL (Sandwich ELISA)

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

Product Information

MP02718-1 targets Thymidylate synthase in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: TYMS Recombinant monoclonal antibody, PBS Only (Capture) 86643-3-PBS (251532E3). 100 µg. Concentration 1 mg/ml.

Detection antibody: TYMS Recombinant monoclonal antibody, PBS Only (Detector) 86643-2-PBS (251532E4). 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.

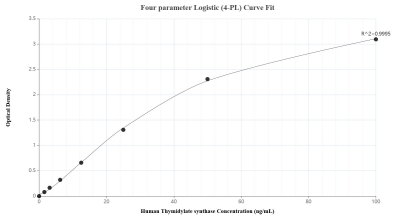
Storage

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

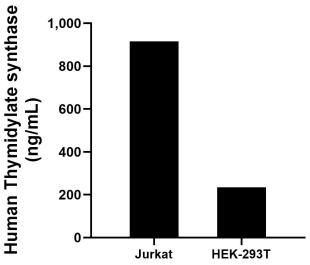
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Sandwich ELISA standard curve of MP02718-1, Human Thymidylate synthase Recombinant Matched Antibody Pair - PBS only. 86643-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag7027. 86643-2-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL.



The mean Thymidylate synthase concentration was determined to be 914.83 ng/mL in Jurkat cell extract based on a 1.20 mg/mL extract load and 234.78 ng/mL in HEK-293T cell extract based on a 1.30 mg/mL extract load.