For Research Use Only

TYMS Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:86643-2-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
86643-2-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG7027

GenBank Accession Number:
BC002567

GeneID (NCBI):
7298

UNIPROT ID:
P04818

Full Name:
thymidylate synthetase

Calculated MW:
36 kDa

Purification Method:
Protein A purification

CloneNo.:
251532E4

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

86643-2-PBS targets TYMS as part of a matched antibody pair:

MP02718-1: 86643-3-PBS capture and 86643-2-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.

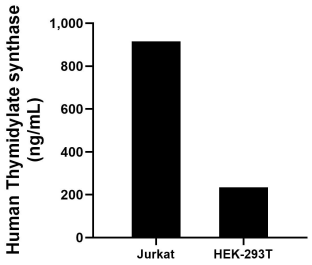
Storage

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

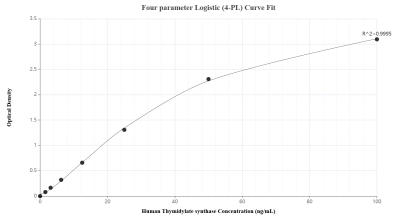
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



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.



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.