

Thymidylate Synthase Recombinant Antibody | TYMS recombinant antibody

Recombinant Anti-Thymidylate Synthase Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266413	Rabbit	Human	Immunocytochemistry, Immunofluorescence, Western Blot

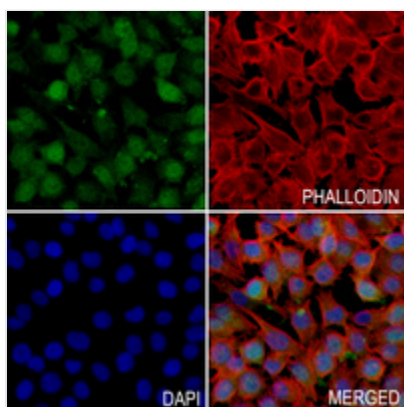
PRODUCT SYNONYMS

Thymidylate Synthase; Monoclonal Recombinant Antibody; Recombinant Anti-Thymidylate Synthase Rabbit mAb; TS; Thymidylate synthase; TSase; TYMS recombinant antibody

PRODUCT SPECIFICATIONS

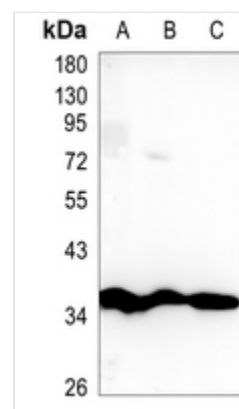
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of Thymidylate Synthase protein
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS, pH7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Applicable Applications for TYMS recombinant antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human Thymidylate Synthase protein. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of Thymidylate Synthase staining in A375 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of Thymidylate Synthase expression in K562 (A), Jurkat (B), HepG2 (C) whole cell lysates. (Predicted band size: 35 kD; Observed band size: 36 kD)

ADDITIONAL INFORMATION

Related Product Information for TYMS recombinant antibody	Recombinant rabbit monoclonal antibody to Thymidylate Synthase
Product Categories/Family for TYMS recombinant antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	136611
NCBI GeneID	7298
UniProt Accession #	P04818; Q8WYK3; Q8WYK4
Molecular Weight	Calculated MW: 26kDa/31kDa/35kDa Observed MW: 36kDa
NCBI Official Full Name	Thymidylate synthase
NCBI Official Synonym Full Names	thymidylate synthetase
NCBI Official Symbol	TYMS
NCBI Official Synonym Symbols	TS; TMS; HST422
NCBI Protein Information	thymidylate synthase; TSase
UniProt Protein Name	Thymidylate synthase
UniProt Gene Name	TYMS
UniProt Synonym Gene Names	TS; TS; TSase
UniProt Entry Name	TYSY_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/thymidylate-synthase-recombinant-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/266413>