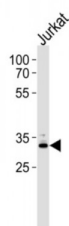
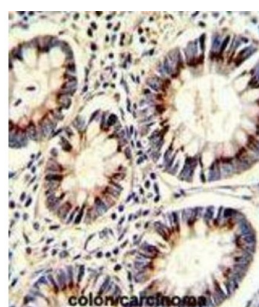
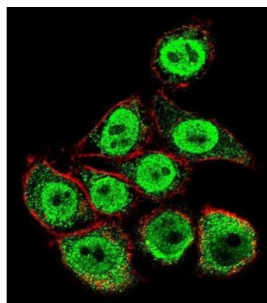


Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK  
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com

## Thymidylate Synthase (TYSY) Antibody

Catalogue No.: abx032932



Thymidylate synthase catalyzes the methylation of deoxyuridylate to deoxythymidylate using 5, 10-methylenetetrahydrofolate (methylene-THF) as a cofactor. This function maintains the dTMP (thymidine-5-prime monophosphate) pool critical for DNA replication and repair. The enzyme has been of interest as a target for cancer chemotherapeutic agents. It is considered to be the primary site of action for 5-fluorouracil, 5-fluoro-2-prime-deoxyuridine, and some folate analogs.

<b>Target:</b>	TYSY
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>Tested Applications:</b>	WB, IHC, IF/ICC, FCM

**Recommended dilutions:** Optimal dilutions/concentrations should be determined by the end user.

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<b>Immunogen:</b>	Human TYSY.
<b>Purification:</b>	Purified Rabbit Polyclonal Antibody.
<b>Isotype:</b>	IgG
<b>Conjugation:</b>	Unconjugated
<b>Specificity:</b>	This TYSY antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 265-294 amino acids from the C-terminal region of human TYSY.
<b>Storage:</b>	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
<b>Swiss Prot:</b>	<a href="#">P04818</a>
<b>NCBI Accession:</b>	NP_001062.1
<b>Buffer:</b>	PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
<b>Note:</b>	This product is for research use only.