

## DATASHEET

# Thymidylate Synthase Mouse Monoclonal Antibody (ARM908)

CAT. NO. ARM6698

### KEY FEATURES

Target	Thymidylate Synthase	Clone ID	ARM908
Source / Host	Mouse	Reactivity	Human
Applications	IHC	Dilution	1:100-1:200
Clonality	Monoclonal	Storage	-20°C

### BACKGROUND

Thymidylate Synthase (TS) is a crucial enzyme responsible for the conversion of 2'-deoxyuridine-5'-monophosphate (dUMP) to 2'-deoxythymidine-5'-monophosphate (dTMP) during DNA synthesis and repair. TS is an important target for many chemotherapeutic drugs against colorectal, gastric, pancreatic and breast cancers.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

Application	IHC
Dilution Ratio	1:100-1:200

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

Antibody Type	Primary antibodies
Isotype	IgG1
Positive Control	Colon Cancer
Localization	Cytoplasmic, Nuclear
Form / Buffer	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Purification	Purified
Conjugation	Unconjugated
Gene Symbol	TYMS
Entrez Gene ID	7298
Uniprot	P04818
Alternative Names	TS; Thymidylate synthase; TS; TSase

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

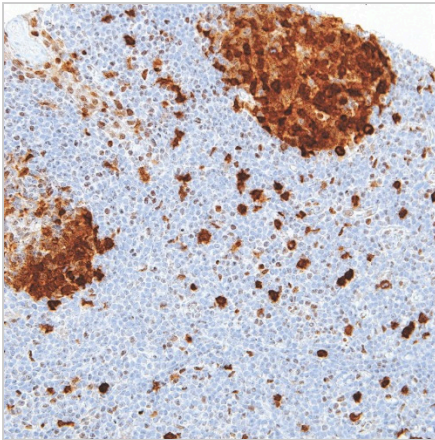
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**DATA**

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human tonsil tissue sections labeling Thymidylate Synthase with ARM908.

**RESEARCH USE ONLY**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: [www.arexbio.com / thymidylate-synthase-mouse-monoclonal-antibody-arm908-arm6698](http://www.arexbio.com/thymidylate-synthase-mouse-monoclonal-antibody-arm908-arm6698)