

Anti-Thymidylate Synthase antibody [TYMS/1884] - BSA and Azide free ab269773

画像数 2

製品の概要

製品名	Anti-Thymidylate Synthase antibody [TYMS/1884] - BSA and Azide free
製品の詳細	Mouse monoclonal [TYMS/1884] to Thymidylate Synthase - BSA and Azide free
由来種	Mouse
アプリケーション	適用あり: IHC-P, Protein Array
種交差性	交差種: Human
免疫原	Recombinant fragment within Human Thymidylate Synthase aa 60-174. The exact sequence is proprietary. Database link: P04818
ポジティブ・コントロール	IHC-P: Human tonsil tissue.
特記事項	ab269773 is a carrier free version of ab224649 .

Our **carrier-free** antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.

This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.

Use our **conjugation kits** for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.

This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 Constituent: PBS
キャリア・フリー	はい
精製度	Protein A/G purified
特記事項(精製)	ab224649 was purified from Bioreactor concentrate by Protein A/G.
ポリモノ	モノクローナル
クローン名	TYMS/1884
アイソタイプ	IgG2a
軽鎖の種類	kappa

アプリケーション

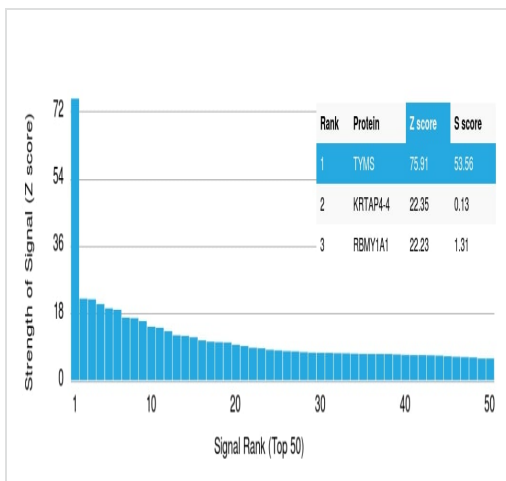
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab269773の使用に適用されず**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use a concentration of 1 - 2 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. (Primary incubation for 30 minutes at RT).
Protein Array		Use at an assay dependent concentration.

ターゲット情報

機能	Contributes to the de novo mitochondrial thymidylate biosynthesis pathway.
パスウェイ	Pyrimidine metabolism; dTTP biosynthesis.
配列類似性	Belongs to the thymidylate synthase family.
細胞内局在	Nucleus. Cytoplasm. Mitochondrion. Mitochondrion matrix. Mitochondrion inner membrane.

画像

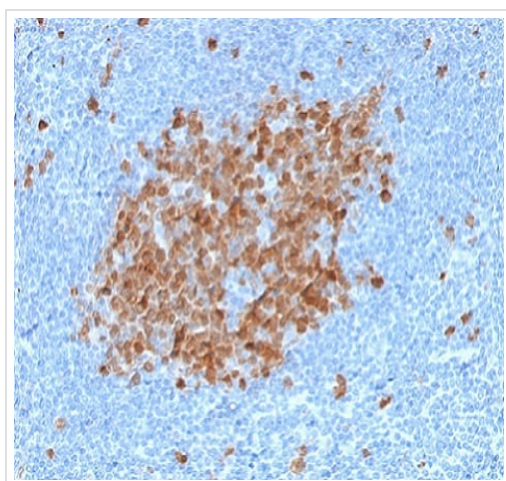


Protein Array - Anti-Thymidylate Synthase antibody (ab269773)

ab224649 was tested in protein array against over 19000 different full-length human proteins.

Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target.

A MAb is specific to its intended target if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29. This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab224649**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Thymidylate Synthase antibody (ab269773)

Formalin-fixed, paraffin-embedded human tonsil tissue stained for Thymidylate Synthase using **ab224649** at 2 µg/ml in immunohistochemical analysis.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab224649**).

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