

Anti-Thymidylate Synthase antibody [SP112] ab111153

リコンビナント RabMAb

画像数 4

製品の概要

製品名	Anti-Thymidylate Synthase antibody [SP112]
製品の詳細	Rabbit monoclonal [SP112] to Thymidylate Synthase
由来種	Rabbit
アプリケーション	適用あり: Flow Cyt (Intra), IHC-P
種交差性	交差種: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	IHC-P: Colon carcinoma and tonsil tissue, human hepatocellular carcinoma. Flow Cyt (intra): HeLa cells.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>This product is FOR RESEARCH USE ONLY. For commercial use, please contact partnerships@abcam.com.</p>

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. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 Preservative: 0.1% Sodium azide Constituents: PBS, 1% BSA
精製度	Protein A/G purified
ポリ/モノ	モノクローナル
クローン名	SP112
アイソタイプ	IgG

アプリケーション

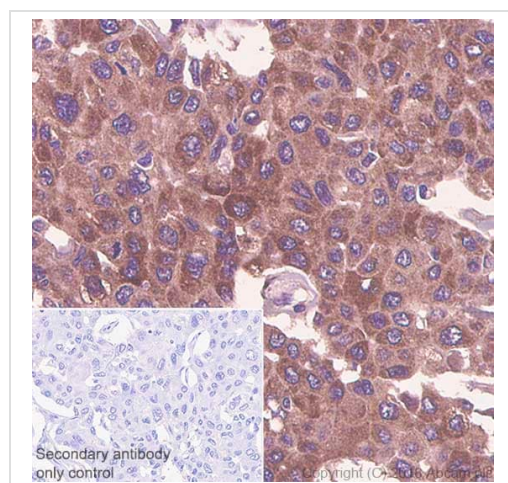
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab111153の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/200.
IHC-P		1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

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.

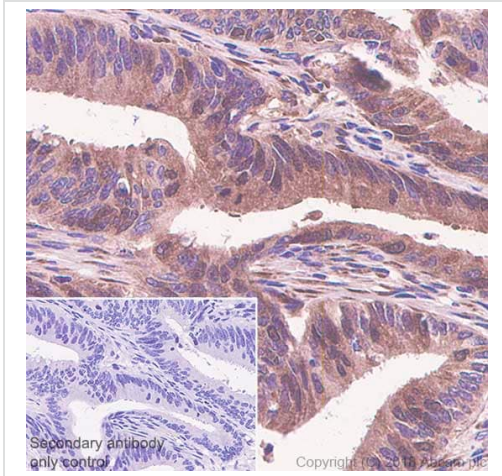
画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human hepatocellular carcinoma tissue sections labeling Thymidylate Synthase with ab111153 at 1/100 dilution (1.55 µg/ml). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 10mins. Goat Anti-Rabbit & Mouse IgG (HRP) was used as the secondary antibody. Hematoxylin was used as a counterstain. Positive staining on the human hepatocellular carcinoma, performed on a Leica Biosystems BOND™ RX instrument.

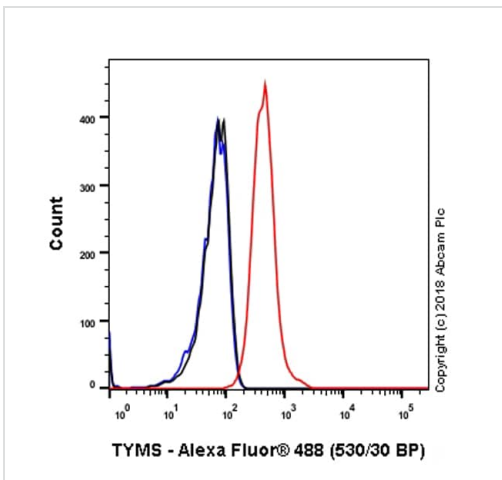
The section was incubated with ab111153 for 30 mins at room temperature.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Thymidylate Synthase antibody [SP112] (ab111153)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Thymidylate Synthase antibody [SP112] (ab111153)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human colon carcinoma tissue sections labeling Thymidylate Synthase with ab111153 at 1/100 dilution (1.55 µg/ml). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 10mins. Goat Anti-Rabbit & Mouse IgG (HRP) was used as the secondary antibody. Hematoxylin was used as a counterstain. Positive staining on the human colon carcinoma, with some nuclear staining, performed on a Leica Biosystems BOND™ RX instrument. The section was incubated with ab111153 for 30 mins at room temperature.



Flow Cytometry (Intracellular) - Anti-Thymidylate Synthase antibody [SP112] (ab111153)

Flow cytometry analysis of HeLa (human cervix adenocarcinoma epithelial cell) labeling Thymidylate Synthase with purified ab111153 at 1/200 dilution (0.78 µg/ml) (red). Cells were fixed with 4% paraformaldehyde and permeabilised with 90% methanol. Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) at 1/2000 dilution was used as a secondary antibody. Isotype control - Rabbit monoclonal IgG (**ab172730**) (black). Unlabeled control - Unlabelled cells (blue).

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Thymidylate Synthase antibody [SP112]
(ab111153)

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