

Anti-Thymidylate Synthase antibody [SP112] ab111153

重组 RabMAb

4 图像

概述

产品名称	Anti-Thymidylate Synthase抗体[SP112]
描述	兔单克隆抗体[SP112] to Thymidylate Synthase
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), IHC-P
种属反应性	与反应: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	IHC-P: Colon carcinoma and tonsil tissue, human hepatocellular carcinoma. Flow Cyt (intra): HeLa cells.
常规说明	<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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.2</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituents: PBS, 1% BSA</p>
纯度	Protein A/G purified
克隆	单克隆
克隆编号	SP112
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab111153于以下的经测试应用

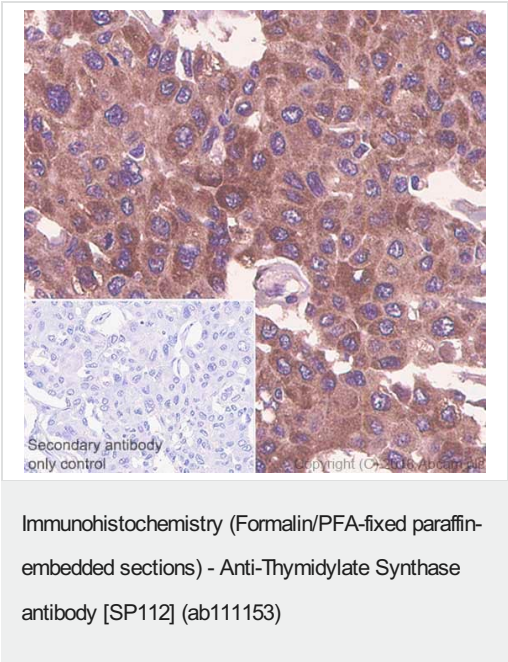
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
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.

靶标

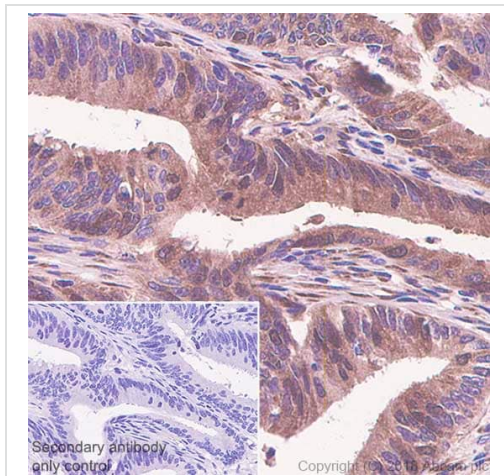
功能	Contributes to the de novo mitochondrial thymidylate biosynthesis pathway.
通路	Pyrimidine metabolism; dTTP biosynthesis.
序列相似性	Belongs to the thymidylate synthase family.
细胞定位	Nucleus. Cytoplasm. Mitochondrion. Mitochondrion matrix. Mitochondrion inner membrane.

图片



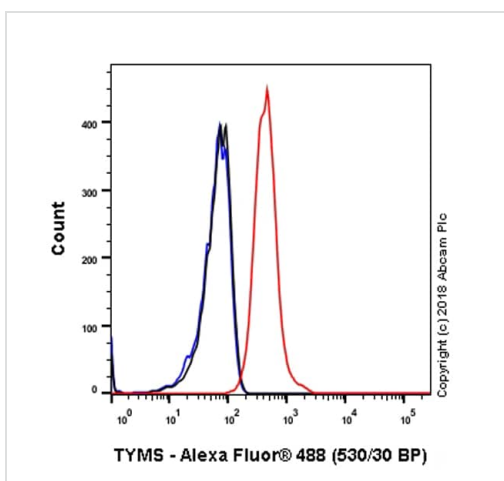
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human hepatocellular carcinoma tissue sections labeling Thymidylate Synthase with ab111153 at 1/100 dilution (1.55 µg/ml). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 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) 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)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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