abcam

Product datasheet

Alexa Fluor® 488 Anti-Fatty Acid Synthase antibody [EPR7465] ab204660



重组 RabMAb

2 图像

概述

产品名称 Alexa Fluor® 488荧光Anti-Fatty Acid Synthase抗体[EPR7465]

描述 Alexa Fluor® 488荧光兔单克隆抗体[EPR7465] to Fatty Acid Synthase

宿主 Rabbit

偶联物 Alexa Fluor® 488. Ex: 495nm, Em: 519nm

经测试应用 适用干: ICC/IF 种属反应性 与反应: Human

预测可用于: Mouse, Rat 🔷

免疫原 Synthetic peptide within Human Fatty Acid Synthase. The exact sequence is proprietary.

Database link: P49327

阳性对照 ICC/IF: A549 cells

常规说明 This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility

- Improved sensitivity and specificity

- Long-term security of supply

- Animal-free production

For more information see here.

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb**® **patents**.

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. Store In the Dark.

存储溶液 pH: 7.40

Preservative: 0.02% Sodium azide

Constituents: 30% Glycerol (glycerin, glycerine), 1% BSA, PBS

纯度 Protein A purified

克隆 单克隆

克隆编号 EPR7465

同种型 IgG

应用

The Abpromise guarantee Abpromise™承诺保证使用ab204660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
ICC/IF		1/200. This product gave a positive signal in A549 cells fixed with 4% formaldehyde (10 min).

靶标

功能 Fatty acid synthetase catalyzes the formation of long-chain fatty acids from acetyl-CoA, malonyl-

CoA and NADPH. This multifunctional protein has 7 catalytic activities and an acyl carrier protein.

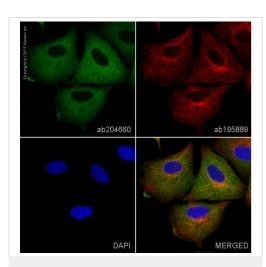
组织**特异性** Ubiquitous. Prominent expression in brain, lung, and liver.

序列相似性 Contains 1 acyl carrier domain.

细胞定位 Cytoplasm. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I

to stage IV.

图片



Immunocytochemistry/ Immunofluorescence - Alexa Fluor® 488 Anti-Fatty Acid Synthase antibody [EPR7465] (ab204660) ab204660 staining Fatty Acid Synthase in A549 cells. The cells were fixed with 4% formaldehyde (10 min), permeabilized with 0.1% Triton X-100 for 5 minutes and then blocked with 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween for 1h. The cells were then incubated overnight at +4°C with ab204660 at 1/200 dilution (shown in green) and ab195889, Mouse monoclonal to alpha Tubulin (Alexa Fluor® 594), at 1/250 dilution (shown in red). Nuclear DNA was labelled with DAPI (shown in blue).

Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8).



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