


Alexa Fluor® 647 Anti-ACADM/MCAD antibody [3B7BH7] ab198099

画像数 1

製品の概要

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| 製品名 | Alexa Fluor® 647 Anti-ACADM/MCAD antibody [3B7BH7] |
| 製品の詳細 | Alexa Fluor® 647 Mouse monoclonal [3B7BH7] to ACADM/MCAD |
| 由来種 | Mouse |
| 標識 | Alexa Fluor® 647. Ex: 652nm, Em: 668nm |
| アプリケーション | 適用あり: ICC/IF |
| 種交差性 | 交差種: Human 交差が予測される動物種: Mouse, Rat, Cow  |
| 免疫原 | Recombinant full length protein. This information is proprietary to Abcam and/or its suppliers. |
| ポジティブ・コントロール | ICC/IF: HeLa cells. |
| 特記事項 | <p>Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents.</p> <p>Alexa Fluor® is a registered trademark of Molecular Probes, Inc, a Thermo Fisher Scientific Company. The Alexa Fluor® dye included in this product is provided under an intellectual property license from Life Technologies Corporation. As this product contains the Alexa Fluor® dye, the purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). As this product contains the Alexa Fluor® dye the sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are sold for use in research. For information on purchasing a license to this product for purposes other than research, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@thermofisher.com.</p> <p>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.</p> <p>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</p> |

found below, along with publications, customer reviews and Q&As

製品の特性

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|-----------|---|
| 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. Stable for 12 months at -20°C. Store In the Dark. |
| バッファー | pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 30% Glycerol (glycerin, glycerine), 1% BSA, PBS |
| 精製度 | Ammonium Sulphate Precipitation |
| 特記事項 (精製) | Produced in vitro using hybridomas grown in serum-free medium, and then purified by biochemical fractionation. |
| ポリ/モノ | モノクローナル |
| クローン名 | 3B7BH7 |
| アイソタイプ | IgG1 |
| 軽鎖の種類 | kappa |

アプリケーション

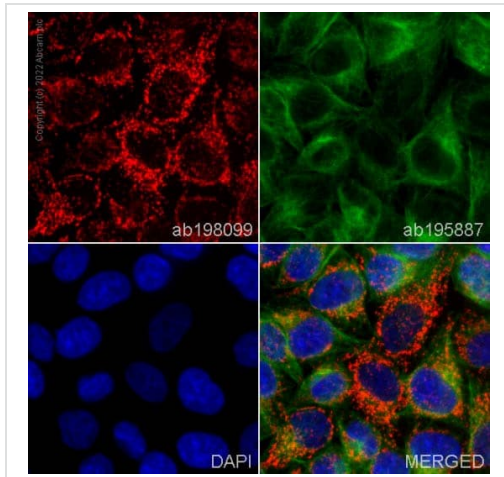
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab198099の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|---|
| ICC/IF | | 1/5000. This product also gave a positive signal under the same testing conditions in HeLa cells fixed with 100% methanol (5 min). |

ターゲット情報

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| 機能 | This enzyme is specific for acyl chain lengths of 4 to 16. |
| パスウェイ | Lipid metabolism; mitochondrial fatty acid beta-oxidation. |
| 関連疾患 | Defects in ACADM are the cause of acyl-CoA dehydrogenase medium-chain deficiency (ACADM) [MIM:201450]. It is an autosomal recessive disease which causes fasting hypoglycemia, hepatic dysfunction, and encephalopathy, often resulting in death in infancy. |
| 配列類似性 | Belongs to the acyl-CoA dehydrogenase family. |
| 細胞内局在 | Mitochondrion matrix. |

画像



Immunocytochemistry/ Immunofluorescence - Alexa Fluor® 647 Anti-ACADM/MCAD antibody [3B7BH7] (ab198099)

ab198099 staining ACADM/MCAD in HeLa (Human cervix adenocarcinoma epithelial cell) 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 ab198099 at a 1/5000 dilution (shown in red) and **ab195887**, Mouse monoclonal to alpha Tubulin (Alexa Fluor® 488), at a 1/250 dilution (shown in green). Nuclear DNA was labelled with DAPI (shown in blue).

Image was acquired with a high-content analyser (Operetta CLS, Perkin Elmer) and a maximum intensity projection of confocal sections is shown.

This product also gave a positive signal under the same testing conditions in HeLa cells fixed with 100% methanol (5 min).

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

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