

Anti-MDH2 antibody [2F5AF8] ab110317

[2 References](#) [画像数 2](#)

製品の概要

製品名	Anti-MDH2 antibody [2F5AF8]
製品の詳細	Mouse monoclonal [2F5AF8] to MDH2
由来種	Mouse
アプリケーション	適用あり: ICC/IF, IP
種交差性	交差種: Mouse, Rat, Human
免疫原	Full length protein. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	HDFn fibroblast cells Human heart homogenate Rat liver homogenate Mouse liver homogenate HepG2 whole cell lysate (ab7900)
特記事項	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.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 found below, along with publications, customer reviews and Q&As</p> <p>Product was previously marketed under the MitoSciences sub-brand.</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	pH: 7.5 Preservative: 0.02% Sodium azide Constituent: HEPES buffered saline
精製度	Proprietary Purification
特記事項(精製)	The antibody was produced in vitro using hybridomas grown in serum-free medium, and then purified by biochemical fractionation. Purity >95% by SDS-PAGE.
ポリ/モノ	モノクローナル

クローン名	2F5AF8
アイソタイプ	IgG1
軽鎖の種類	kappa

アプリケーション

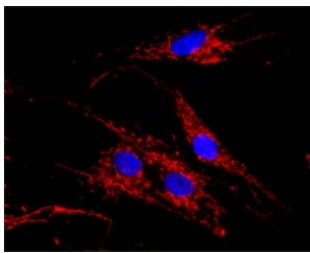
The Abpromise guarantee **Abpromise保証は、**次のテスト済みアプリケーションにおけるab110317の使用に適用されず
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF		Use a concentration of 1 - 4 µg/ml.
IP		Use at an assay dependent concentration.

ターゲット情報

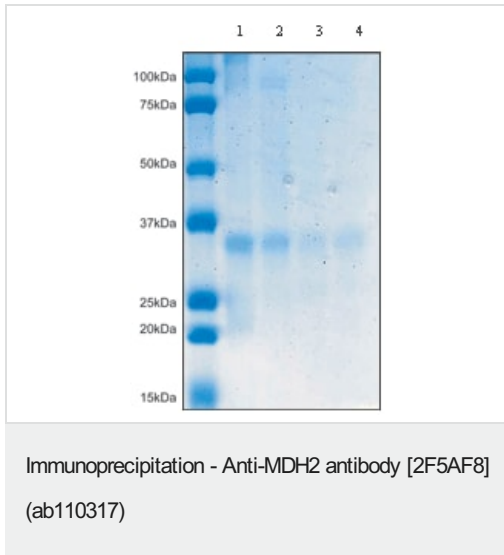
配列類似性	Belongs to the LDH/MDH superfamily. MDH type 1 family.
翻訳後修飾	Acetylation is enhanced by up to 67% after treatment either with trichostin A (TSA) or with nicotinamide (NAM) with the appearance of tri-and tetraacetylations. Glucose also increases acetylation by about 60%.
細胞内局在	Mitochondrion matrix.

画像



Immunocytochemistry/ Immunofluorescence - Anti-MDH2 antibody [2F5AF8] (ab110317)

Immunocytochemistry image of stained HDFn (Human dermal fibroblasts) fibroblast cells. The cells were paraformaldehyde fixed (4%, 20 minutes) and Triton X-100 permeabilized (0.1%, 15 min). The cells were incubated with the ab110317 (1 µg/mL) for 2 hours at room temperature or over night at 4°C. The secondary antibody was (red) Alexa Fluor[®] 594 goat anti-mouse IgG (H+L) at a 1/1000 dilution for 1 hour. 10% Goat serum was used as the blocking agent for all blocking steps. The target protein locates to the mitochondrial matrix.



ab110317 pulls down the 33kDa MDH2 protein from Human heart homogenate (1), Rat liver homogenate (2), Mouse liver homogenate (3) and HepG2 whole cell lysate (4). The identity of this protein was confirmed by mass spectrometry. This gel was stained with coomassie.

Lane 1 : Anti-MDH2 antibody [2F5AF8] (ab110317)

All lanes :

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