

### Anti-MDH2 antibody [2F5AF8] ab110317

**2 References**   **2 图像**

#### 概述

产品名称	Anti-MDH2抗体[2F5AF8]
描述	小鼠单克隆抗体[2F5AF8] to MDH2
宿主	Mouse
经测试应用	适用于: ICC/IF, IP
种属反应性	与反应: Mouse, Rat, Human
免疫原	Full length protein. This information is proprietary to Abcam and/or its suppliers.
阳性对照	HDFn fibroblast cells Human heart homogenate Rat liver homogenate Mouse liver homogenate HepG2 whole cell lysate ( <b>ab7900</b> )
常规说明	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact <a href="mailto:orders@abcam.com">orders@abcam.com</a>.</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&amp;As</p> <p>Product was previously marketed under the MitoSciences sub-brand.</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Do Not Freeze.
存储溶液	<p>pH: 7.5</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: HEPES buffered saline</p>
纯度	Proprietary Purification
纯化说明	The antibody was produced in vitro using hybridomas grown in serum-free medium, and then purified by biochemical fractionation. Purity >95% by SDS-PAGE.
克隆	单克隆

克隆编号	2F5AF8
同种型	IgG1
轻链类型	kappa

应用

The Abpromise guarantee

**Abpromise™**承诺保证使用ab110317于以下的经测试应用

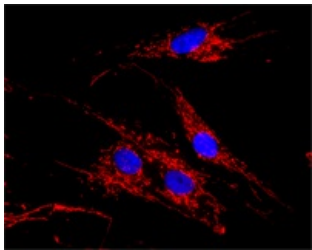
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		Use a concentration of 1 - 4 µg/ml.
IP		Use at an assay dependent concentration.

靶标

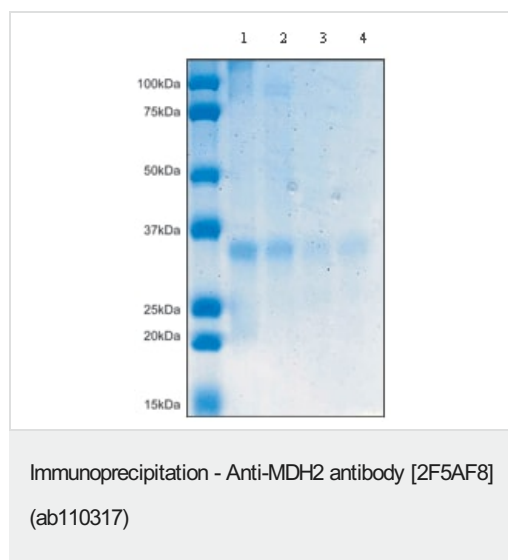
序列相似性	Belongs to the LDH/MDH superfamily. MDH type 1 family.
翻译后修饰	Acetylation is enhanced by up to 67% after treatment either with trichostin A (TSA) or with nicotinamide (NAM) with the appearance of tri-and tetraacetylations. Glucose also increases acetylation by about 60%.
细胞定位	Mitochondrion matrix.

图片



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 :**

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

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