

### Anti-HADHB antibody [5C3AB7] ab110301

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#### 概述

产品名称	Anti-HADHB抗体[5C3AB7]
描述	小鼠单克隆抗体[5C3AB7] to HADHB
宿主	Mouse
经测试应用	适用于: IP, WB, Flow Cyt, ICC
种属反应性	与反应: Human
免疫原	Tissue, cells or virus. This information is proprietary to Abcam and/or its suppliers.
阳性对照	HepG2 and HLM cell lysates; HDFn and HeLa cells.
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	Immunogen affinity purified
纯化说明	ab110301 was produced in vitro using hybridomas grown in serum-free medium, and then purified by affinity purification.
克隆	单克隆

克隆编号	5C3AB7
同种型	IgG1
轻链类型	kappa

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab110301于以下的经测试应用

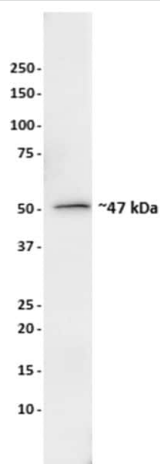
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IP		Use at an assay dependent concentration.
WB		Use a concentration of 0.5 µg/ml. Predicted molecular weight: 51 kDa.
Flow Cyt		Use a concentration of 1 µg/ml. <b>ab170190</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
ICC		Use a concentration of 1 µg/ml.

靶标

通路	Lipid metabolism; fatty acid beta-oxidation.
疾病相关	Defects in HADHB are a cause of trifunctional protein deficiency (TFP deficiency) [MIM:609015]. The clinical manifestations are very variable and include hypoglycemia, cardiomyopathy and sudden death. Phenotypes with mainly hepatic and neuromyopathic involvement can also be distinguished. Biochemically, TFP deficiency is defined by the loss of all three enzyme activities of the TFP complex.
序列相似性	Belongs to the thiolase family.
细胞定位	Mitochondrion.

图片



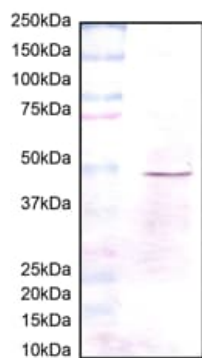
Western blot - Anti-HADHB antibody [5C3AB7]  
(ab110301)

Anti-HADHB antibody [5C3AB7] (ab110301) at 0.5 µg/ml (20 ug  
HepG2 cell lysate)

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 51 kDa

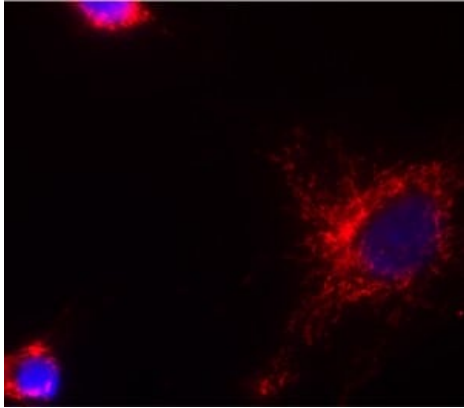


Western blot - Anti-HADHB antibody [5C3AB7]  
(ab110301)

Anti-HADHB antibody [5C3AB7] (ab110301) at 0.5 µg/ml + HepG2  
cell lysate

**Predicted band size:** 51 kDa

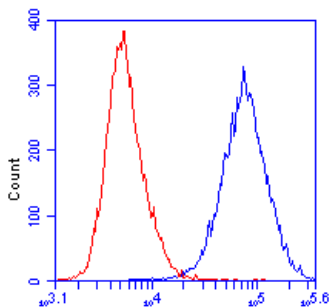
As a Western blot antibody, ab110301 works with HepG2 (human)  
cells.



Immunocytochemistry - Anti-HADHB antibody  
[5C3AB7] (ab110301)

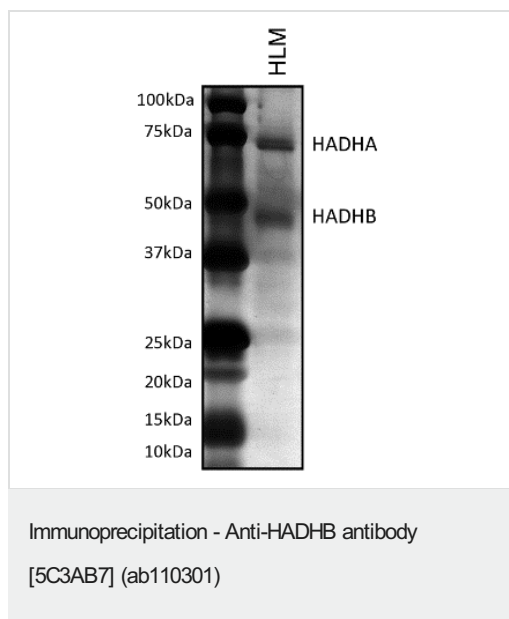
Immunocytochemistry analysis using ab110301 at 1µg/ml staining HADHB in HDFn cells (paraformaldehyde fixed and Triton X-100 permeabilized).

The secondary antibody was (red) Alexa Fluor® 594 goat anti-mouse IgG (H+L) used at a 1/1000 dilution. DAPI was used to stain the cell nuclei (blue).



Flow Cytometry - Anti-HADHB antibody [5C3AB7]  
(ab110301)

Flow cytometric analysis using ab110301 at 1µg/ml staining HADHB in HeLa cells (blue). Isotype control antibody (red).



As an IP antibody, MS733 works with human samples.

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