

### Anti-COX5A antibody [6E9B12D5] ab110262

**51 References**   **3 图像**

#### 概述

产品名称	Anti-COX5A抗体[6E9B12D5]
描述	小鼠单克隆抗体[6E9B12D5] to COX5A
宿主	Mouse
经测试应用	适用于: WB, ICC/IF, Flow Cyt
种属反应性	与反应: Mouse, Rat, Cow, Human
免疫原	Full length native protein (purified). This information is proprietary to Abcam and/or its suppliers.
阳性对照	Isolated mitochondria from Human heart, Bovine heart, Rat heart, Mouse heart, and HepG2, Human embryonic lung-derived fibroblasts (strain MRC5), 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>
纯化说明	ab110262 was produced in vitro using hybridomas grown in serum-free medium, and then purified by biochemical fractionation.
克隆	单克隆
克隆编号	6E9B12D5

同种型 IgG2a

轻链类型 kappa

应用

The Abpromise guarantee      **Abpromise™** 承诺保证使用ab110262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
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 17 kDa.
ICC/IF		Use a concentration of 5 µg/ml.
Flow Cyt		Use a concentration of 1 µg/ml. <b>ab170191</b> - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

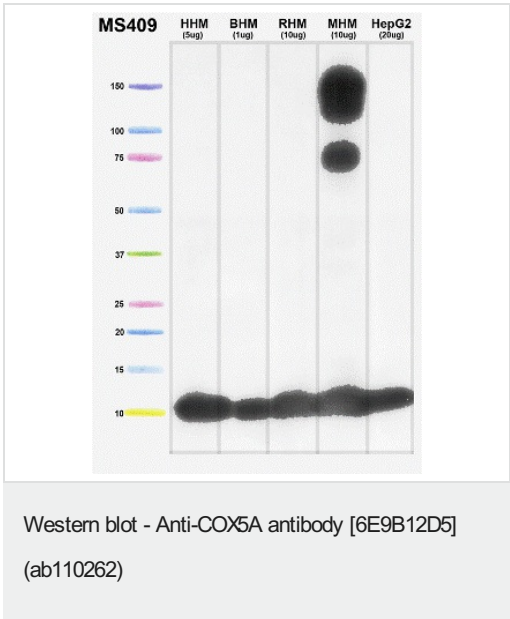
靶标

功能 This is the heme A-containing chain of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport.

序列相似性 Belongs to the cytochrome c oxidase subunit 5A family.

细胞定位 Mitochondrion inner membrane.

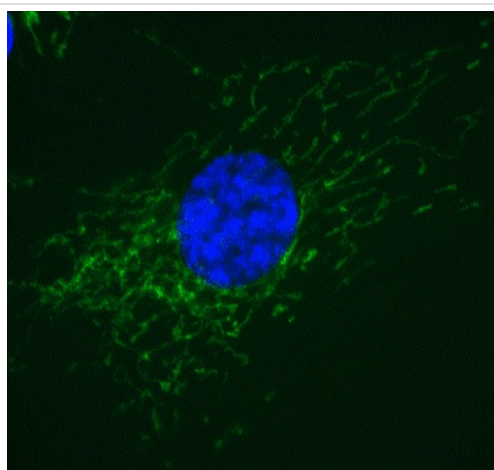
图片



**All lanes :** Anti-COX5A antibody [6E9B12D5] (ab110262) at 1 µg/ml

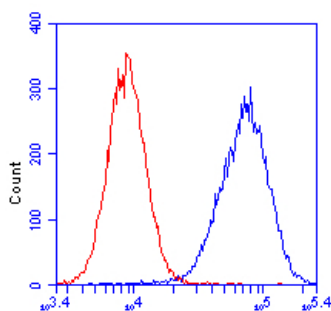
- Lane 1 :** Human heart mitochondria at 5 µg
- Lane 2 :** Bovine heart mitochondria at 1 µg
- Lane 3 :** Rat heart mitochondria at 10 µg
- Lane 4 :** Mouse heart mitochondria at 10 µg
- Lane 5 :** HepG2 mitochondria at 20 µg

**Predicted band size:** 17 kDa



Immunocytochemistry/ Immunofluorescence - Anti-COX5A antibody [6E9B12D5] (ab110262)

Mitochondrial localization of COX5A. Cultured Human embryonic lung-derived fibroblasts (strain MRC5) were fixed, treated for heat-induced antigen retrieval, permeabilized and then labeled with ab110262 (10 µg/ml) followed by an AlexaFluor® 488-conjugated-goat-anti-mouse IgG2a isotype specific secondary antibody (1 µg/ml).



Flow Cytometry - Anti-COX5A antibody [6E9B12D5] (ab110262)

HeLa cells were stained with 1 µg/mL ab110262 (blue) or an equal amount of an isotype control antibody (red) and analyzed by flow cytometry.

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

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