

Anti-NDUFB6 antibody [21C11BC11] ab110244

35 References **2 图像**

概述

产品名称	Anti-NDUFB6抗体[21C11BC11]
描述	小鼠单克隆抗体[21C11BC11] to NDUFB6
宿主	Mouse
经测试应用	适用于: Flow Cyt, WB
种属反应性	与反应: Mouse, Rat, Cow, Human
免疫原	Full length protein. This information is considered to be commercially sensitive.
阳性对照	Isolated mitochondria from Human heart, bovine heart, rat heart and mouse heart.
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 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>

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	Near homogeneity as judged by SDS-PAGE. The antibody 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	21C11BC11

同种型 IgG2b
轻链类型 kappa

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab110244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
Flow Cyt		Use 1µg for 10 ⁶ cells. ab170192 - Mouse monoclonal IgG2b, is suitable for use as an isotype control with this antibody.
WB		Use a concentration of 0.5 µg/ml. Predicted molecular weight: 15 kDa.

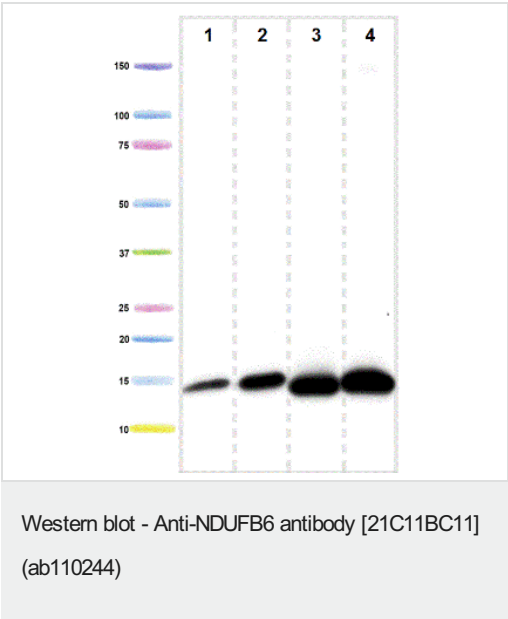
靶标

功能 Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.

序列相似性 Belongs to the complex I NDUF6 subunit family.

细胞定位 Mitochondrion inner membrane.

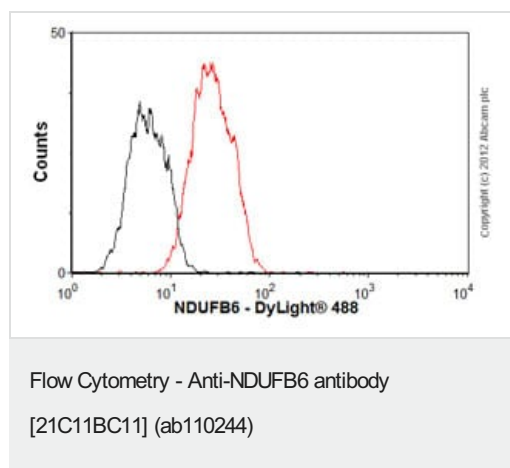
图片



All lanes : Anti-NDUF6 antibody [21C11BC11] (ab110244) at 0.5 µg/ml

- Lane 1 :** isolated mitochondria from Human heart at 5 µg
- Lane 2 :** isolated mitochondria from cow heart at 1 µg
- Lane 3 :** isolated mitochondria from rat heart at 10 µg
- Lane 4 :** isolated mitochondria from mouse heart at 10 µg

Predicted band size: 15 kDa



Overlay histogram showing HepG2 cells stained with ab110244 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab110244, 1µg/1x10⁶ cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) (**ab96879**) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG2b [PLPV219] (**ab91366**, 2µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed.

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

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