

## Product datasheet

# Anti-NDUFB6 antibody [21C11BC11] ab110244

17 References [画像数 2](#)

### 製品の概要

製品名	Anti-NDUFB6 antibody [21C11BC11]
製品の詳細	Mouse monoclonal [21C11BC11] to NDUFB6
アプリケーション	<b>適用あり:</b> Flow Cyt, WB
種交差性	<b>交差種:</b> Mouse, Rat, Cow, Human
免疫原	NDUFB6 from cow
ポジティブ・コントロール	Isolated mitochondria from Human heart, bovine heart, rat heart and mouse heart.
特記事項	This antibody clone is manufactured by Abcam. Product was previously marketed under the MitoSciences sub-brand.

### 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	Preservative: 0.02% Sodium azide Constituent: HBS
特記事項 (精製)	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.
ポリモノ	モノクローナル
クローン名	21C11BC11
アイソタイプ	IgG2b
軽鎖の種類	kappa

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab110244** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

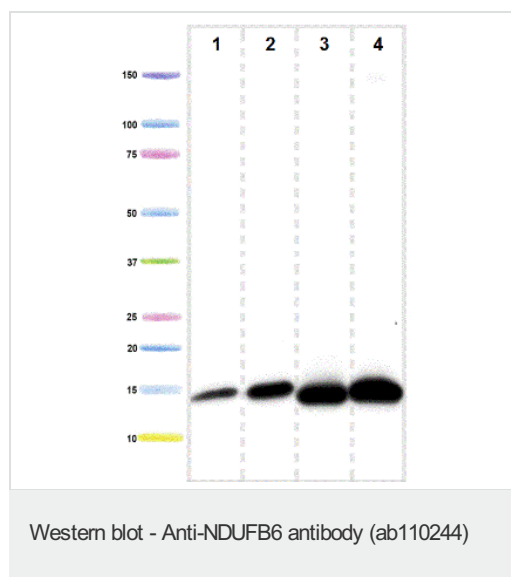
アプリケーション	Abreviews	特記事項
----------	-----------	------

アプリケーション	Abreviews	特記事項
Flow Cyt		Use 1µg for 10 <sup>6</sup> cells. <a href="#">ab170192</a> - 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.

## ターゲット情報

機能	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.
配列類似性	Belongs to the complex I NDUF6 subunit family.
細胞内局在	Mitochondrion inner membrane.

## 画像



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

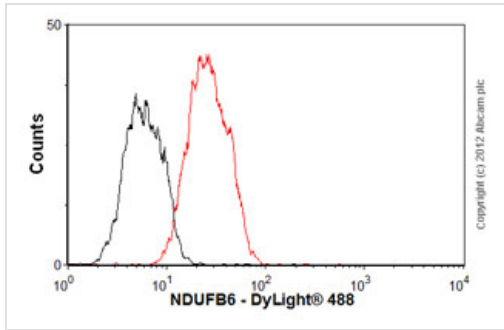
**Lane 1** : isolated mitochondria from Human heart at 5 µg

**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



Flow Cytometry - Anti-NDUFB6 antibody (ab110244)

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/1x10<sup>6</sup> 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/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >5,000 events was performed.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.co.jp/abpromise> or contact our technical team.

### Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors