

# Anti-MT-CYB antibody ab198860

## 2 图像

### 概述

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产品名称	Anti-MT-CYB抗体
描述	兔多克隆抗体to MT-CYB
宿主	Rabbit
经测试应用	适用于: IHC-P
种属反应性	与反应: Human
免疫原	Synthetic peptide corresponding to Human MT-CYB (internal sequence). YP_003024038. Database link: <a href="#">P00156</a>
阳性对照	Human liver cancer and thyroid cancer tissues.
常规说明	<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>

### 性能

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形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.4 Preservative: 0.05% Sodium azide Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

### 应用

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## The Abpromise guarantee

**Abpromise™** 承诺保证使用 ab198860 于以下的经测试应用

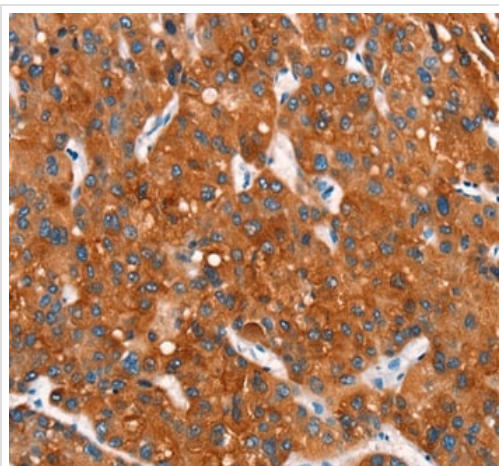
“应用说明”部分 下显示的仅为推荐的起始稀释度；实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		1/50 - 1/200.

## 靶标

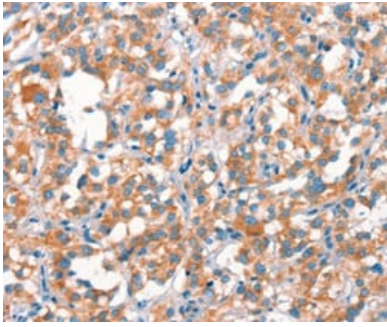
<b>功能</b>	Component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex), which is a respiratory chain that generates an electrochemical potential coupled to ATP synthesis.
<b>疾病相关</b>	Defects in MT-CYB are a rare cause of mitochondrial dysfunction underlying different myopathies. They include mitochondrial encephalomyopathy, hypertrophic cardiomyopathy (HCM), and sporadic mitochondrial myopathy (MM). In mitochondrial myopathy, exercise intolerance is the predominant symptom. Additional features include lactic acidosis, muscle weakness and/or myoglobinuria. Defects in MTCYB are also found in cases of exercise intolerance accompanied by deafness, mental retardation, retinitis pigmentosa, cataract, growth retardation, epilepsy (multisystem disorder). Cardiomyopathy, infantile histiocytoid Leber hereditary optic neuropathy
<b>序列相似性</b>	Belongs to the cytochrome b family.
<b>细胞定位</b>	Mitochondrion inner membrane.

## 图片



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human liver cancer tissue labeling MT-CYB with ab198860 at 1/30 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MT-CYB antibody (ab198860)



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human lthyroid cancer tissue labeling MT-CYB with ab198860 at 1/30 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MT-CYB antibody (ab198860)

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

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

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- 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 <https://www.abcam.cn/abpromise> or contact our technical team.

#### **Terms and conditions**

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