

# Anti-Cytochrome b reductase 1/DCYTB antibody ab66048

★★★★★ [2 Abreviews](#) [3 References](#) [2 图像](#)

### 概述

|              |   |
|--------------|---|
| <b>产品名称</b>  | Anti-Cytochrome b reductase 1/DCYTB抗体   |
| <b>描述</b>    | 兔多克隆抗体to Cytochrome b reductase 1/DCYTB   |
| <b>宿主</b>    | Rabbit  |
| <b>特异性</b>   | From Jan 2024, QC testing of replenishment batches of this polyclonal changed. All tested and expected application and reactive species combinations are still covered by our Abcam product promise. However, we no longer test all applications. For more information on a specific batch, please contact our Scientific Support who will be happy to help.  |
| <b>经测试应用</b> | <b>适用于:</b> ICC/IF, WB  |
| <b>种属反应性</b> | <b>与反应:</b> Mouse, Human<br><b>预测可用于:</b> Rat, Pig, Orangutan    |
| <b>免疫原</b>   | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.   |
| <b>常规说明</b>  | <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

|             |  |
|-------------|--|
| <b>形式</b>   | Liquid   |
| <b>存放说明</b> | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.   |
| <b>存储溶液</b> | pH: 7.40<br>Preservative: 0.02% Sodium azide<br>Constituent: PBS   |
|             | Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help. |

|     |                             |
|-----|-----------------------------|
| 纯度  | Immunogen affinity purified |
| 克隆  | 多克隆                         |
| 同种型 | IgG                         |

## 应用

**The Abpromise guarantee** **Abpromise™** 承诺保证使用 ab66048 于以下的经测试应用

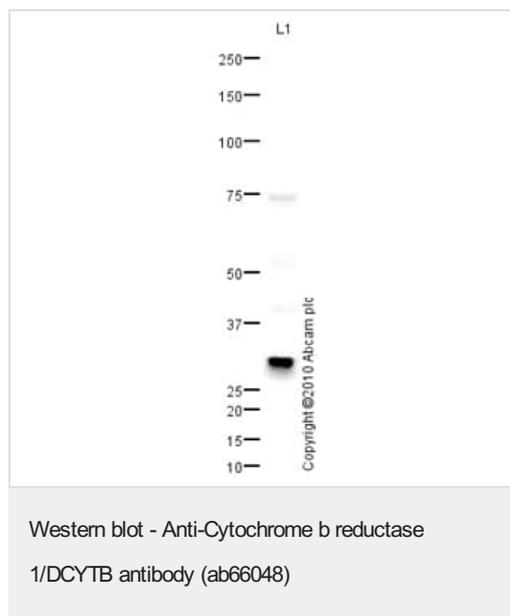
“应用说明”部分下显示的仅为推荐的起始稀释度；实际最佳的稀释度/浓度应由使用者检定。

| 应用     | Ab评论      | 说明   |
|--------|-----------|--|
| ICC/IF | ★★★★★ (1) | Use a concentration of 10 µg/ml.   |
| WB     |           | Use a concentration of 1 µg/ml. Detects a band of approximately 31 kDa (predicted molecular weight: 31 kDa). |

## 靶标

|       |   |
|-------|---|
| 功能    | Ferric-chelate reductase that reduces Fe(3+) to Fe(2+). Present at the brush border of duodenal enterocytes where it probably reduces dietary Fe(3+) thereby facilitating its transport into the mucosal cells. Uses ascorbate as electron donor. May be involved in extracellular ascorbate recycling in erythrocyte membranes. May also act as a ferrireductase in airway epithelial cells. |
| 组织特异性 | Present in erythrocyte membranes (at protein level). Also expressed in respiratory epithelium.  |
| 序列相似性 | Contains 1 cytochrome b561 domain.  |
| 细胞定位  | Membrane.   |

## 图片



Anti-Cytochrome b reductase 1/DCYTB antibody (ab66048) at 1 µg/ml + A20 whole cell lysate (**ab7180**) at 10 µg

### Secondary

Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

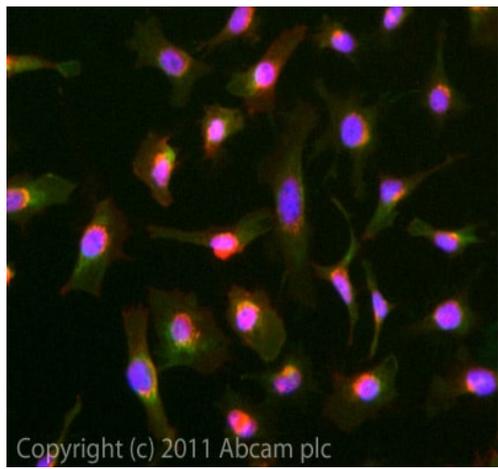
Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 31 kDa

**Observed band size:** 31 kDa

**Exposure time:** 10 minutes



Immunocytochemistry/ Immunofluorescence - Anti-Cytochrome b reductase 1/DCYTB antibody (ab66048)

ICC/IF image of ab66048 stained HeLa cells. The cells were 4% PFA fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab66048, 10µg/ml) overnight at +4°C. The secondary antibody (green) was **ab96899** Dylight 488 goat anti-rabbit IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

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

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