


# Anti-GPD2 antibody [EPR14259] ab188585

**重组 RabMAb**

★★★★☆ **3 Abreviews** **9 References** **4 图像**

### 概述

产品名称	Anti-GPD2抗体[EPR14259]
描述	兔单克隆抗体[EPR14259] to GPD2
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), WB, IP
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	HeLa cells; HeLa, MCF-7, NIH:OVCA8-3 and U87-MG cell lysates.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> For more information <a href="#">see here</a> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> .

### 性能

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: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR14259
同种型	IgG

## 应用

### The Abpromise guarantee

**Abpromise™**承诺保证使用ab188585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 (Intra)		1/310. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB	★★★★☆ (3)	1/1000 - 1/10000. Detects a band of approximately 74 kDa (predicted molecular weight: 81 kDa).
IP		1/30 - 1/50.

## 靶标

### 通路

Polyol metabolism; glycerol degradation via glycerol kinase pathway; glycerone phosphate from sn-glycerol 3-phosphate (anaerobic route): step 1/1.

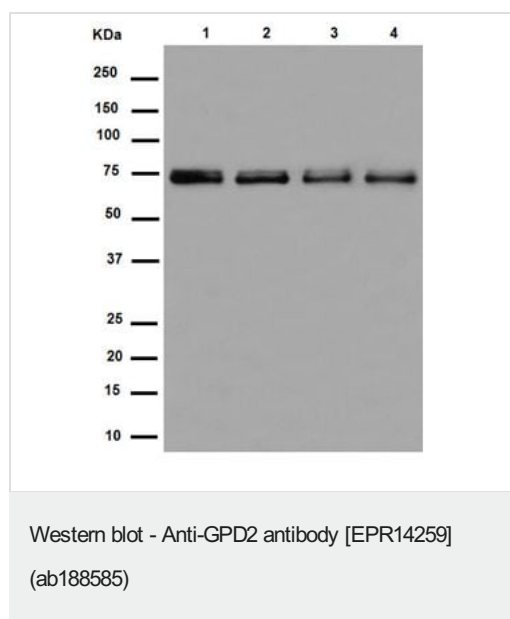
### 序列相似性

Belongs to the FAD-dependent glycerol-3-phosphate dehydrogenase family.  
Contains 2 EF-hand domains.

### 细胞定位

Mitochondrion.

## 图片



**All lanes** : Anti-GPD2 antibody [EPR14259] (ab188585) at 1/10000 dilution

**Lane 1** : HeLa cell lysate

**Lane 2** : MCF-7 cell lysate

**Lane 3** : NIH:OVCAR-3 cell lysate

**Lane 4** : U87-MG cell lysate

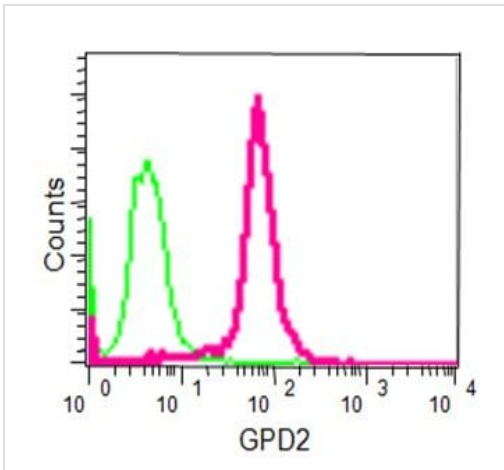
Lysates/proteins at 20 µg per lane.

### Secondary

**All lanes** : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

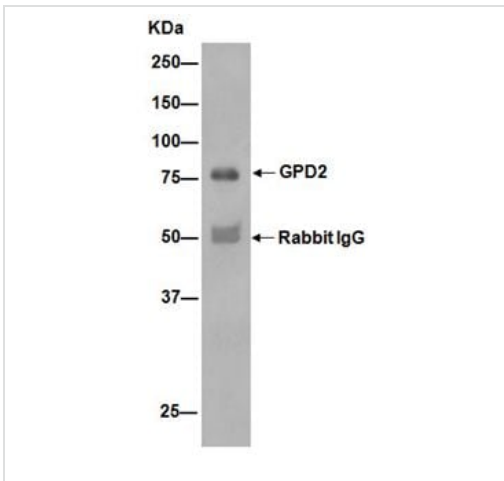
**Predicted band size:** 81 kDa

**Observed band size:** 74 kDa



Flow Cytometry (Intracellular) - Anti-GPD2 antibody [EPR14259] (ab188585)

Intracellular flow cytometric analysis of 2% paraformaldehyde-fixed HeLa cells labeling GPD2 with ab188585 at 1/310 dilution (red) compared to a rabbit monoclonal IgG isotype control (green). Goat anti rabbit IgG (FITC) at 1/150 dilution was used as the secondary antibody.



Immunoprecipitation - Anti-GPD2 antibody [EPR14259] (ab188585)

Western blot analysis of GPD2 in HeLa cell lysate immunoprecipitated using ab188585 at 1/50 dilution.

Secondary antibody: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution.

Why choose a recombinant antibody?

 <p><b>Research with confidence</b> Consistent and reproducible results</p>	 <p><b>Long-term and scalable supply</b> Recombinant technology</p>
 <p><b>Success from the first experiment</b> Confirmed specificity</p>	 <p><b>Ethical standards compliant</b> Animal-free production</p>

Anti-GPD2 antibody [EPR14259] (ab188585)

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

## **Terms and conditions**

---

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