

### Anti-EMC4 antibody [EPR15081] ab184162

**重组 RabMAb**

**3 References** [4 图像](#)

#### 概述

|              |  |
|--------------|--|
| <b>产品名称</b>  | Anti-EMC4抗体[EPR15081]  |
| <b>描述</b>    | 兔单克隆抗体[EPR15081] to EMC4   |
| <b>宿主</b>    | Rabbit   |
| <b>经测试应用</b> | <b>适用于:</b> WB, IHC-P  |
| <b>种属反应性</b> | <b>与反应:</b> Human<br><b>预测可用于:</b> Mouse, Rat    |
| <b>免疫原</b>   | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.  |
| <b>阳性对照</b>  | 293, SH-SY5Y, U87-MG and HepG2 whole cell lysate ( <b>ab7900</b> ); Human brain tissue.  |
| <b>常规说明</b>  | 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> .<br>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

|             |   |
|-------------|---|
| <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 long term. Avoid freeze / thaw cycle. |
| <b>存储溶液</b> | pH: 7.2<br>Preservative: 0.01% Sodium azide<br>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA               |
| <b>纯度</b>   | Protein A purified  |
| <b>克隆</b>   | 单克隆   |
| <b>克隆编号</b> | EPR15081  |
| <b>同种型</b>  | IgG   |

## 应用

### The Abpromise guarantee

**Abpromise™** 承诺保证使用 ab184162 于以下的经测试应用

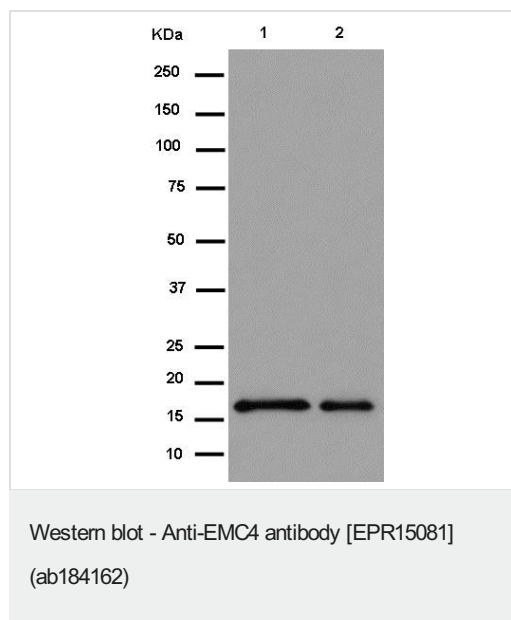
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用    | Ab评论 | 说明   |
|-------|------|--|
| WB    |      | 1/1000 - 1/10000. Detects a band of approximately 17 kDa (predicted molecular weight: 20 kDa).                           |
| IHC-P |      | 1/50. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. |

## 靶标

|       |   |
|-------|---|
| 功能    | May mediate anti-apoptotic activity.  |
| 组织特异性 | Isoform 1 is expressed in brain and heart. Isoform 2 is expressed in heart. |
| 序列相似性 | Belongs to the TMEM85 family.   |
| 细胞定位  | Membrane.   |

## 图片



**All lanes :** Anti-EMC4 antibody [EPR15081] (ab184162) at 1/5000 dilution

**Lane 1 :** 293 cell lysate

**Lane 2 :** SH-SY5Y cell lysate

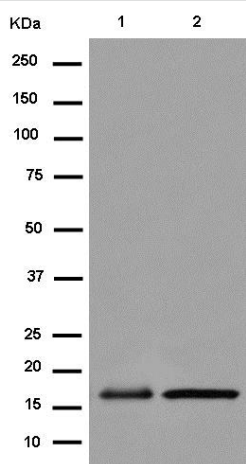
Lysates/proteins at 20 µg per lane.

### Secondary

**All lanes :** Goat anti-rabbit IgG, (H+L), peroxidase conjugate at 1/1000 dilution

**Predicted band size:** 20 kDa

**Observed band size:** 17 kDa



Western blot - Anti-EMC4 antibody [EPR15081] (ab184162)

**All lanes** : Anti-EMC4 antibody [EPR15081] (ab184162) at 1/20000 dilution

**Lane 1** : U87-MG cell lysate

**Lane 2** : HepG2 cell lysate

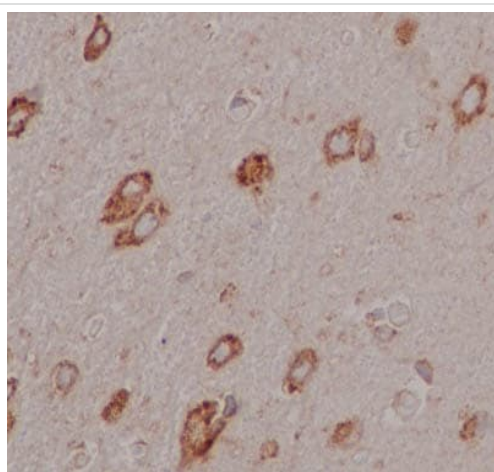
Lysates/proteins at 20 µg per lane.

**Secondary**

**All lanes** : Goat anti-rabbit IgG, (H+L), peroxidase conjugate at 1/1000 dilution

**Predicted band size:** 20 kDa

**Observed band size:** 17 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EMC4 antibody [EPR15081] (ab184162)

Immunohistochemical analysis of paraffin-embedded Human brain tissue labeling EMC4 with ab184162 at 1/50 dilution followed by prediluted HRP Polymer for Rabbit IgG. Counter stained with hematoxylin.

Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-EMC4 antibody [EPR15081] (ab184162)

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

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