# abcam

## Product datasheet

# Anti-Mu Opioid Receptor antibody ab17934

★☆☆☆☆ **1 Abreviews**　　**7 References**　　2 图像

## 概述

| | |
|---|---|
| **产品名称** | Anti-Mu Opioid Receptor抗体 |
| **描述** | 兔多克隆抗体to Mu Opioid Receptor |
| **宿主** | Rabbit |
| **经测试应用** | **适用于:** ICC, WB |
| **种属反应性** | **与反应:** Mouse, Rat |
| | **预测可用于:** Human ⚠ |
| **免疫原** | Synthetic peptide (Human) (Internal sequence, `ARIRQNTREHPSTAC` ). |

📄 **Run BLAST with**　　📄 **Run BLAST with**

| | |
|---|---|
| **阳性对照** | WB: Rat brain lysates. ICC: Neuro-2A cells. |
| **常规说明** | 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. |
| | 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&As |

## 性能

| | |
|---|---|
| **形式** | Liquid |
| **存放说明** | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| **存储溶液** | pH: 7.30<br>Preservative: 0.05% Sodium azide<br>Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.1% BSA |
| **纯度** | Immunogen affinity purified |
| **克隆** | 多克隆 |
| **同种型** | IgG |

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## 应用

**The Abpromise guarantee**  **<u>Abpromise™承诺保证使用ab17934于以下的经测试应用</u>**

"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 | | 1/250. |
| WB | ⭐☆☆☆☆ **(1)** | 1/1000. Predicted molecular weight: 45 kDa. |

## 靶标

| | |
|------|------|
| **功能** | Inhibits neurotransmitter release by reducing calcium ion currents and increasing potassium ion conductance. Receptor for beta-endorphin. |
| **序列相似性** | Belongs to the G-protein coupled receptor 1 family. |
| **细胞定位** | Cell membrane. |

## 图片



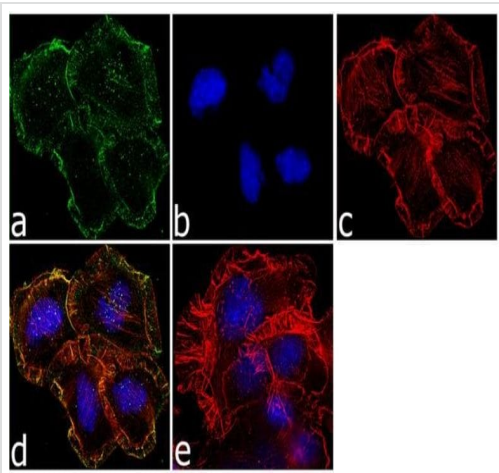Western blot - Anti-Mu Opioid Receptor antibody (ab17934)
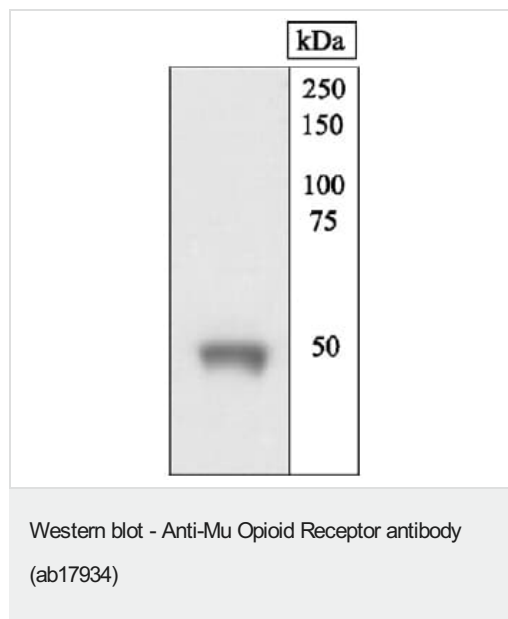
Anti-Mu Opioid Receptor antibody (ab17934) at 1/1000 dilution +
Rat brain lysates

**Secondary**
Goat anti-rabbit IgG HRP conjugate.

**Predicted band size:** 45 kDa

SDS-PAGE on a 10% Tris-glycine gel

Immunocytochemistry - Anti-Mu Opioid Receptor antibody (ab17934)

Neuro-2A cells stained for Mu Opioid Receptor (green) using ab17934 at 1/250 dilution in ICC/IF. It was followed by Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate at 1/2000 dilution for 45 minutes at room temperature (Panel a). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI. F-actin (Panel c: red) was stained with Rhodamine Phalloidin at 1/300 dilution. Panel d represents the merged image showing membranous localization. Panel e shows the no primary antibody control.

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

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