


# Anti-Olig1 antibody [EPR6790] ab124908

**重组 RabMAb**

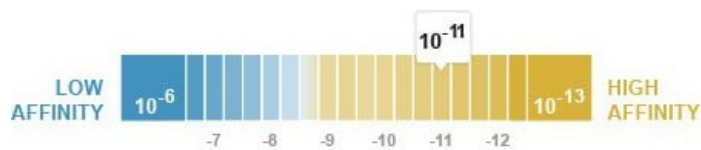
**2 References** [4 图像](#)

### 概述

<b>产品名称</b>	Anti-Olig1抗体[EPR6790]
<b>描述</b>	兔单克隆抗体[EPR6790] to Olig1
<b>宿主</b>	Rabbit
<b>经测试应用</b>	<b>适用于:</b> Flow Cyt (Intra), WB <b>不适用于:</b> ICC/IF, IHC-P or IP
<b>种属反应性</b>	<b>与反应:</b> Rat, Human <b>预测可用于:</b> Mouse 
<b>免疫原</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>阳性对照</b>	MOLT4, SHSY-5Y, 293T and C6 cell lysates; 293T cells
<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> . 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 -20°C. Stable for 12 months at -20°C.
<b>解离常数 (K<sub>D</sub>)</b>	K <sub>D</sub> = 2.40 x 10 <sup>-11</sup> M



[Learn more about K<sub>D</sub>](#)

**存储溶液** pH: 7.20

Preservative: 0.05% Sodium azide  
Constituents: 40% Glycerol (glycerin, glycerine), 0.1% BSA, 9.85% Tris glycine, 50% Tissue culture supernatant

**纯度** Protein A purified  
**克隆** 单克隆  
**克隆编号** EPR6790  
**同种型** IgG

## 应用

**The Abpromise guarantee** **Abpromise™**承诺保证使用ab124908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
<b>Flow Cyt (Intra)</b>		1/10 - 1/100. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
<b>WB</b>		1/1000 - 1/10000. Detects a band of approximately 35 kDa (predicted molecular weight: 27 kDa).

**应用说明** Is unsuitable for ICC/IF, IHC-P or IP.

## 靶标

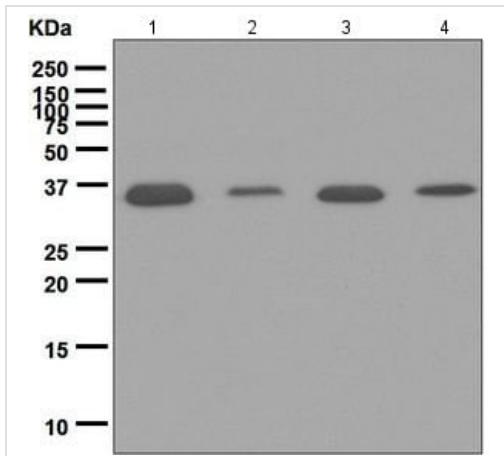
**功能** Promotes formation and maturation of oligodendrocytes, especially within the brain. Cooperates with OLIG2 to establish the pMN domain of the embryonic neural tube.

**组织特异性** Expressed in the brain, in oligodendrocytes. Strongly expressed in oligodendrogliomas, while expression is weak to moderate in astrocytomas. Expression in glioblastomas is highly variable.

**序列相似性** Contains 1 basic helix-loop-helix (bHLH) domain.

**细胞定位** Nucleus.

## 图片



Western blot - Anti-Olig1 antibody [EPR6790] (ab124908)

**All lanes** : Anti-Olig1 antibody [EPR6790] (ab124908) at 1/1000 dilution

**Lane 1** : MOLT4 cell lysate

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

**Lane 3** : 293T (Human embryonic kidney epithelial cell) cell lysate

**Lane 4** : C6 cell lysate

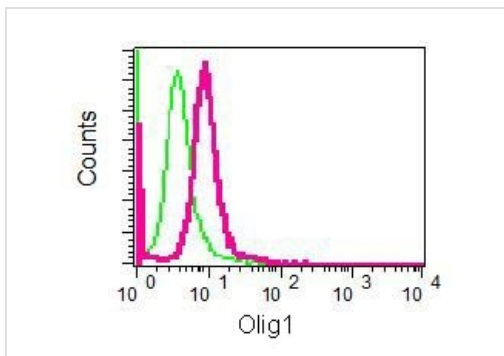
Lysates/proteins at 10 µg per lane.

**Secondary**

**All lanes** : HRP labelled goat anti-rabbit at 1/2000 dilution

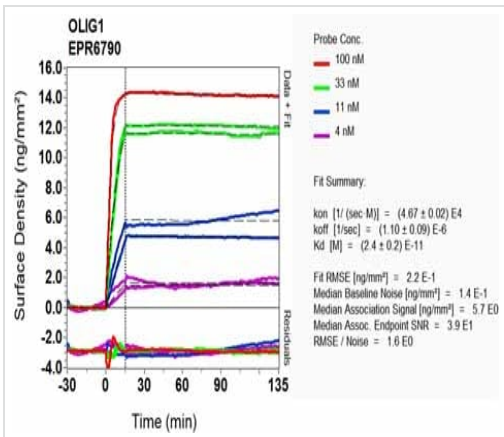
**Predicted band size:** 27 kDa

**Observed band size:** 35 kDa



Flow Cytometry (Intracellular) - Anti-Olig1 antibody [EPR6790] (ab124908)

Intracellular flow cytometric analysis of permeabilized 293T cells using ab124908 at 1/10 dilution (red) or a rabbit IgG negative control (green).



OI-RD Scanning - Anti-Olig1 antibody [EPR6790]  
(ab124908)

Equilibrium dissociation constant ( $K_D$ )

Learn more about  $K_D$

[Click here to learn more about  \$K\_D\$](#)

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-Olig1 antibody [EPR6790] (ab124908)

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

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