


### Anti-Olig1 antibody [EPR6790] ab124908

リコンビナント RabMAb<sup>®</sup>

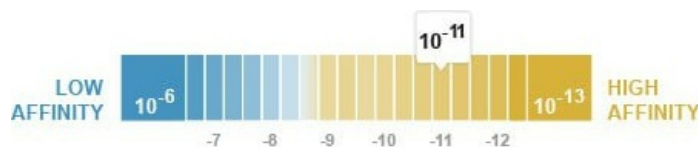
#### 2 References [画像数 4](#)

#### 製品の概要

製品名	Anti-Olig1 antibody [EPR6790]
製品の詳細	Rabbit monoclonal [EPR6790] to Olig1
由来種	Rabbit
アプリケーション	<b>適用あり:</b> Flow Cyt (Intra), WB <b>適用なし:</b> ICC/IF, IHC-P or IP
種交差性	<b>交差種:</b> Rat, Human <b>交差が予測される動物種:</b> Mouse 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	MOLT4, SHSY-5Y, 293T and C6 cell lysates; 293T cells
特記事項	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> .

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解離定数 (K <sub>D</sub> 値)	K <sub>D</sub> = 2.40 x 10 <sup>-11</sup> M



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

バッファー	pH: 7.20
-------	----------

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

精製度 Protein A purified  
ポリ/モノ モノクローナル  
クローン名 EPR6790  
アイソタイプ IgG

#### アプリケーション

**The Abpromise guarantee** Abpromise保証は、次のテスト済みアプリケーションにおけるab124908の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

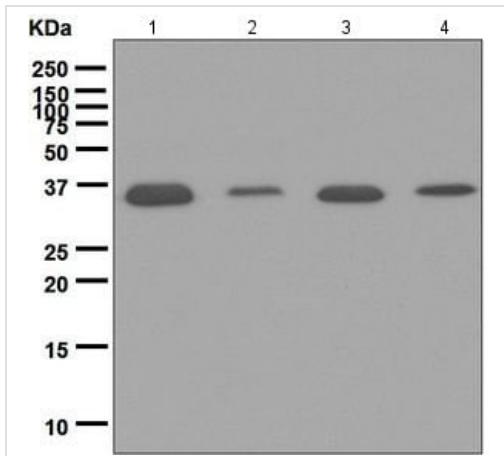
アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/10 - 1/100. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000 - 1/10000. Detects a band of approximately 35 kDa (predicted molecular weight: 27 kDa).

追加情報 Is unsuitable for ICC/IF, IHC-P or IP.

#### ターゲット情報

機能 Promotes formation and maturation of oligodendrocytes, especially within the brain. Cooperates with OLIG2 to establish the pMN domain of the embryonic neural tube.  
組織特異性 Expressed in the brain, in oligodendrocytes. Strongly expressed in oligodendrogliomas, while expression is weak to moderate in astrocytomas. Expression in glioblastomas is highly variable.  
配列類似性 Contains 1 basic helix-loop-helix (bHLH) domain.  
細胞内局在 Nucleus.

#### 画像



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

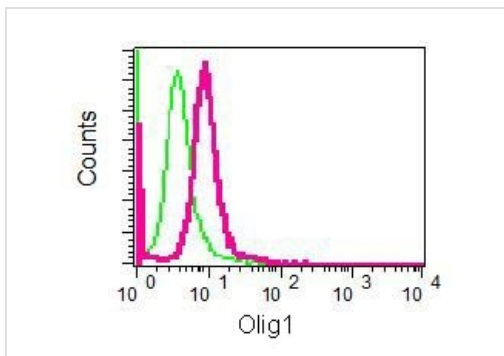
Lysates/proteins at 10 µg per lane.

**Secondary**

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

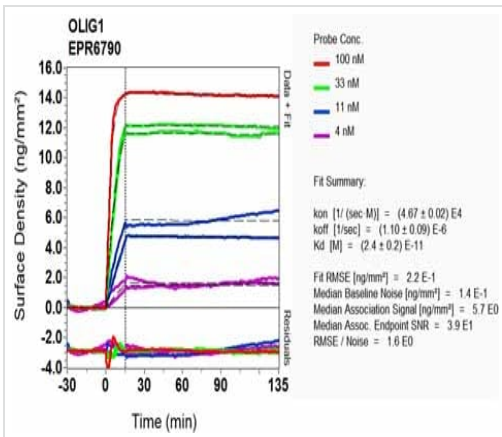
**Predicted band size:** 27 kDa

**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"

### 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.co.jp/abpromise> or contact our technical team.

### **Terms and conditions**

---

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