


# Anti-CRMP2 (phospho T514) antibody [EPR7876] - BSA and Azide free ab248276

リコンビナント **RabMAb**

画像数 3

### 製品の概要

製品名	Anti-CRMP2 (phospho T514) antibody [EPR7876] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR7876] to CRMP2 (phospho T514) - BSA and Azide free
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB <b>適用なし:</b> IHC-P or IP
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	<p>ab248276 is the carrier-free version of <a href="#">ab129066</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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> <p>For more information <a href="#">see here</a>.</p> <p>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>.</p>

## 製品の特性

### 製品の状態

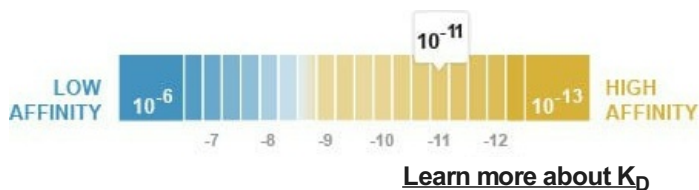
Liquid

### 保存方法

Shipped at 4°C. Store at +4°C. Do Not Freeze.

### 解離定数 ( $K_D$ 値)

$K_D = 8.20 \times 10^{-11}$  M



### バッファー

pH: 7.2

Constituent: PBS

### キャリア・フリー

はい

### 精製度

Protein A purified

### ポリ/モノ

モノクローナル

### クローン名

EPR7876

### 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ab248276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
WB		Use at an assay dependent concentration. Detects a band of approximately 64 kDa (predicted molecular weight: 62 kDa).

### 追加情報

Is unsuitable for IHC-P or IP.

## ターゲット情報

### 機能

Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, neuronal growth cone collapse and cell migration.

### 組織特異性

Ubiquitous.

### 配列類似性

Belongs to the DHOase family. Hydantoinase/dihydropyrimidinase subfamily.

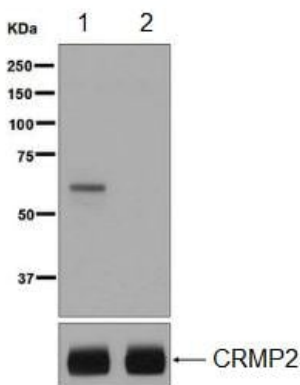
### 翻訳後修飾

3F4, a monoclonal antibody which strongly stains neurofibrillary tangles in Alzheimer disease brains, specifically labels DPYSL2 when phosphorylated on Ser-518, Ser-522 and Thr-509.

### 細胞内局在

Cytoplasm.

## 画像



Western blot - Anti-CRMP2 (phospho T514) antibody [EPR7876] - BSA and Azide free (ab248276)

**All lanes :** Anti-CRMP2 (phospho T514) antibody [EPR7876] ([ab129066](#)) at 1/1000 dilution

**Lane 1 :** Human fetal brain lysate, untreated

**Lane 2 :** Human fetal brain lysate, treated with Lambda Phosphatase

Lysates/proteins at 10 µg per lane.

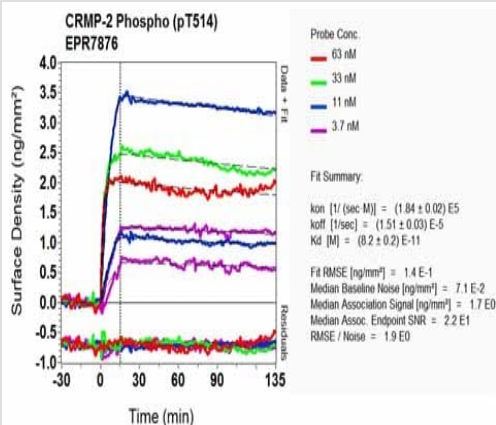
## Secondary

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

**Predicted band size:** 62 kDa

This data was developed using [ab129066](#), the same antibody clone in a different buffer formulation.

The lower panel was analysed using a monoclonal antibody raised against non-phosphorylated CRMP2.



OIR-D Scanning - Anti-CRMP2 (phospho T514) antibody [EPR7876] - BSA and Azide free (ab248276)

This data was developed using [ab129066](#), the same antibody clone in a different buffer formulation. Equilibrium disassociation 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-CRMP2 (phospho T514) antibody [EPR7876] -  
BSA and Azide free (ab248276)

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

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- Extensive multi-media technical resources to help you
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