

# Anti-Neurocan antibody [EPR6397] - BSA and Azide free ab248101

リコンビナント **RabMAb**

画像数 4

### 製品の概要

|          |   |
|----------|---|
| 製品名      | Anti-Neurocan antibody [EPR6397] - BSA and Azide free   |
| 製品の詳細    | Rabbit monoclonal [EPR6397] to Neurocan - BSA and Azide free  |
| 由来種      | Rabbit  |
| アプリケーション | <b>適用あり:</b> IHC-P, WB  |
| 種交差性     | <b>交差種:</b> Human<br><b>非交差種:</b> Mouse, Rat  |
| 免疫原      | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.   |
| 特記事項     | <p>ab248101 is the carrier-free version of <a href="#">ab125021</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

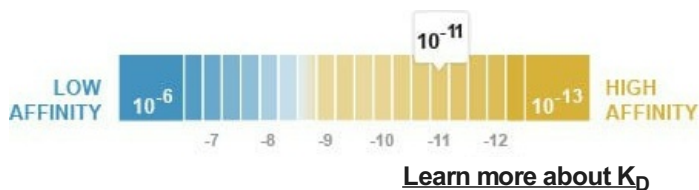
Liquid

### 保存方法

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

### 解離定数 (K<sub>D</sub> 値)

K<sub>D</sub> = 3.20 x 10<sup>-11</sup> 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

EPR6397

### 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ab248101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   |
|----------|-----------|--|
| IHC-P    |           | Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. |
| WB       |           | Use at an assay dependent concentration. Detects a band of approximately 130, 270 kDa (predicted molecular weight: 143 kDa).   |

## ターゲット情報

### 機能

May modulate neuronal adhesion and neurite growth during development by binding to neural cell adhesion molecules (NG-CAM and N-CAM). Chondroitin sulfate proteoglycan; binds to hyaluronic acid.

### 組織特異性

Brain.

### 配列類似性

Belongs to the aggrecan/versican proteoglycan family.

Contains 1 C-type lectin domain.

Contains 2 EGF-like domains.

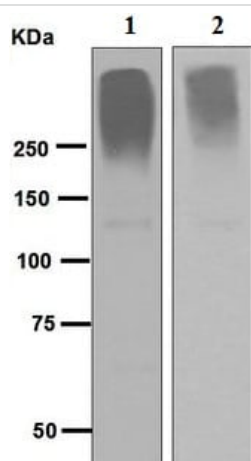
Contains 1 Ig-like V-type (immunoglobulin-like) domain.

Contains 2 Link domains.

Contains 1 Sushi (CCP/SCR) domain.

### 細胞内局在

Secreted.



Western blot - Anti-Neurocan antibody [EPR6397] - BSA and Azide free (ab248101)

**All lanes :** Anti-Neurocan antibody [EPR6397] ([ab125021](#)) at 1/10000 dilution

**Lane 1 :** Human hippocampus lysate

**Lane 2 :** Human hypothalamus lysate

Lysates/proteins at 10 µg per lane.

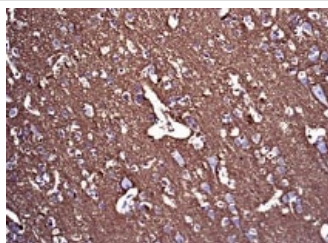
#### Secondary

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

**Predicted band size:** 143 kDa

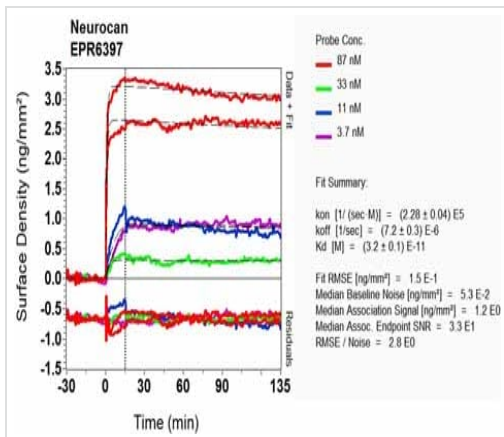
**Observed band size:** 130,270 kDa

This data was developed using [ab125021](#), the same antibody clone in a different buffer formulation.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Neurocan antibody [EPR6397] - BSA and Azide free (ab248101)

This data was developed using [ab125021](#), the same antibody clone in a different buffer formulation. [ab125021](#), at 1/250 dilution, staining Neurocan in paraffin-embedded Human brain tissue by Immunohistochemistry. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



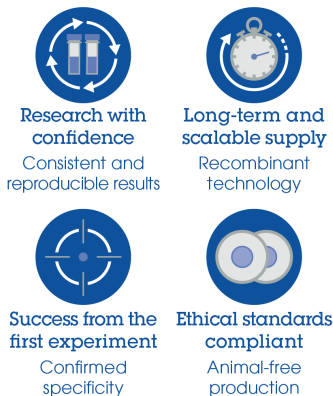
SPR Scanning - Anti-Neurocan antibody  
[EPR6397] - BSA and Azide free (ab248101)

This data was developed using **ab125021**, the same antibody clone in a different buffer formulation. Equilibrium dissociation constant ( $K_D$ )

Learn more about  $K_D$

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

### Why choose a recombinant antibody?



Anti-Neurocan antibody [EPR6397] - BSA and Azide free (ab248101)

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

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