

### HRP Anti-Tenascin C antibody [EPR4219] $\alpha$ ab196918

Recombinant RabMAb

2 Images

#### Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | HRP Anti-Tenascin C antibody [EPR4219]  |
| <b>Description</b>         | HRP Rabbit monoclonal [EPR4219] to Tenascin C   |
| <b>Host species</b>        | Rabbit  |
| <b>Conjugation</b>         | HRP   |
| <b>Tested applications</b> | <b>Suitable for:</b> WB   |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human   |
| <b>Immunogen</b>           | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.   |
| <b>Positive control</b>    | WB: Human fetal brain tissue lysate. IHC-P: Embryonic mouse brain (e17).  |
| <b>General notes</b>       | <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> |

#### Properties

|                             |  |
|-----------------------------|--|
| <b>Form</b>                 | Liquid   |
| <b>Storage instructions</b> | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. Store In the Dark. |
| <b>Storage buffer</b>       | <p>pH: 7.40</p> <p>Preservative: 0.1% Proclin 300 Solution</p> <p>Constituents: 30% Glycerol (glycerin, glycerine), 1% BSA, PBS</p>        |
| <b>Purity</b>               | Protein A purified   |
| <b>Clonality</b>            | Monoclonal   |
| <b>Clone number</b>         | EPR4219  |
| <b>Isotype</b>              | IgG  |

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab196918 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes   |
|-------------|-----------|---|
| WB          |           | 1/5000. Detects a band of approximately 270, 230 kDa (predicted molecular weight: 241 kDa). |

## Target

### Function

Extracellular matrix protein implicated in guidance of migrating neurons as well as axons during development, synaptic plasticity as well as neuronal regeneration. Promotes neurite outgrowth from cortical neurons grown on a monolayer of astrocytes. Ligand for integrins alpha-8/beta-1, alpha-9/beta-1, alpha-V/beta-3 and alpha-V/beta-6.

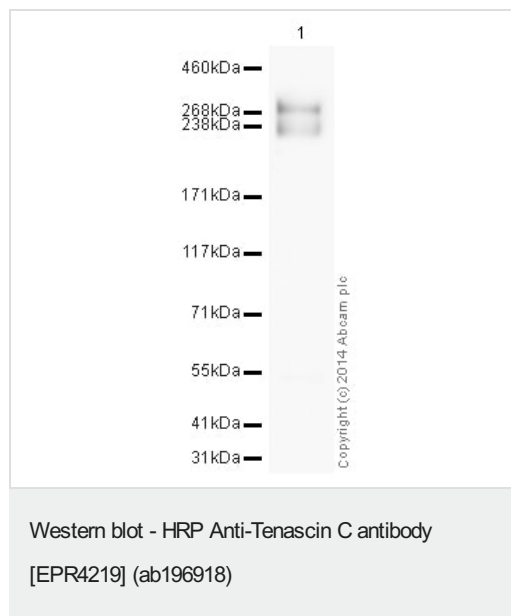
### Sequence similarities

Belongs to the tenascin family.  
Contains 15 EGF-like domains.  
Contains 1 fibrinogen C-terminal domain.  
Contains 15 fibronectin type-III domains.

### Cellular localization

Secreted > extracellular space > extracellular matrix.

## Images



HRP Anti-Tenascin C antibody [EPR4219] (ab196918) at 1/5000 dilution + Brain (Human) Tissue Lysate - fetal normal tissue at 10 µg

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 241 kDa



**Observed band size:** 230,270 kDa

**Exposure time:** 20 minutes

This blot was produced using a 3-8% Tris Acetate gel under the TA buffer system. The gel was run at 150V for 60 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 3% milk before being incubated with ab196918 overnight at 4°C. Antibody binding

was visualised using ECL development solution **ab133406**.

Why choose a recombinant antibody?

|   |   |
|---|---|
| <br><b>Research with confidence</b><br>Consistent and reproducible results | <br><b>Long-term and scalable supply</b><br>Recombinant technology |
| <br><b>Success from the first experiment</b><br>Confirmed specificity      | <br><b>Ethical standards compliant</b><br>Animal-free production   |

HRP Anti-Tenascin C antibody [EPR4219]  
(ab196918)

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

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