

## Product datasheet

# Anti-Syndecan 3 antibody [EPR10648] ab155952

Recombinant RabMAb

[2 References](#) [2 Images](#)

### Overview

<b>Product name</b>	Anti-Syndecan 3 antibody [EPR10648]
<b>Description</b>	Rabbit monoclonal [EPR10648] to Syndecan 3
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB <b>Unsuitable for:</b> Flow Cyt, ICC/IF or IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	SH-SY5Y, Human spleen, Human adrenal gland and K562 lysates.
<b>General notes</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> .

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C.
<b>Storage buffer</b>	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR10648

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab155952 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		1/1000 - 1/10000. Predicted molecular weight: 45 kDa.

### Application notes

Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

## Target

### Function

Cell surface proteoglycan that may bear heparan sulfate (By similarity). May have a role in the organization of cell shape by affecting the actin cytoskeleton, possibly by transferring signals from the cell surface in a sugar-dependent mechanism.

### Tissue specificity

Expressed in the nervous system, the adrenal gland, and the spleen.

### Sequence similarities

Belongs to the syndecan proteoglycan family.

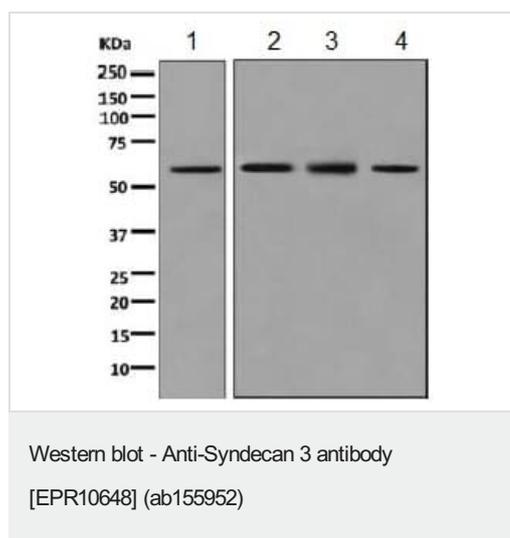
### Post-translational modifications

O-glycosylated within the Thr/Ser-rich region which could interact with lectin domains on other molecules.

### Cellular localization

Membrane.

## Images



**All lanes** : Anti-Syndecan 3 antibody [EPR10648] (ab155952) at 1/1000 dilution

**Lane 1** : SH-SY5Y cell lysate

**Lane 2** : Human spleen tissue lysate

**Lane 3** : Human adrenal gland tissue lysate

**Lane 4** : K562 cell lysate

Lysates/proteins at 10 µg per lane.

### Secondary

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

**Predicted band size:** 45 kDa

## 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-Syndecan 3 antibody [EPR10648] (ab155952)

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

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- 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
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