

# Anti-Biglycan antibody [EPR2959] - BSA and Azide free ab205891

Recombinant RabMAb

3 Images

### Overview

Product name	Anti-Biglycan antibody [EPR2959] - BSA and Azide free
Description	Rabbit monoclonal [EPR2959] to Biglycan - BSA and Azide free
Host species	Rabbit
Tested applications	<b>Suitable for:</b> Flow Cyt (Intra), WB <b>Unsuitable for:</b> ICC/IF or IHC-P
Species reactivity	<b>Reacts with:</b> Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab205891 is the carrier-free version of <a href="#">ab109369</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>

## Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR2959
Isotype	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab205891 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

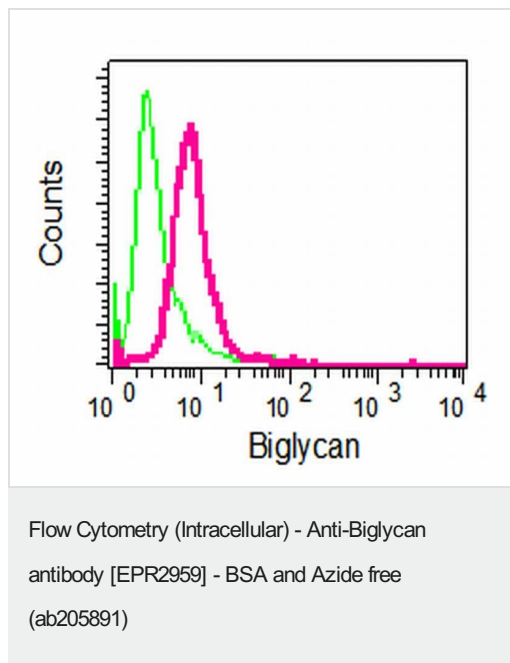
Application	Abreviews	Notes
Flow Cyt (Intra)		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 42 kDa.

**Application notes** Is unsuitable for ICC/IF or IHC-P.

## Target

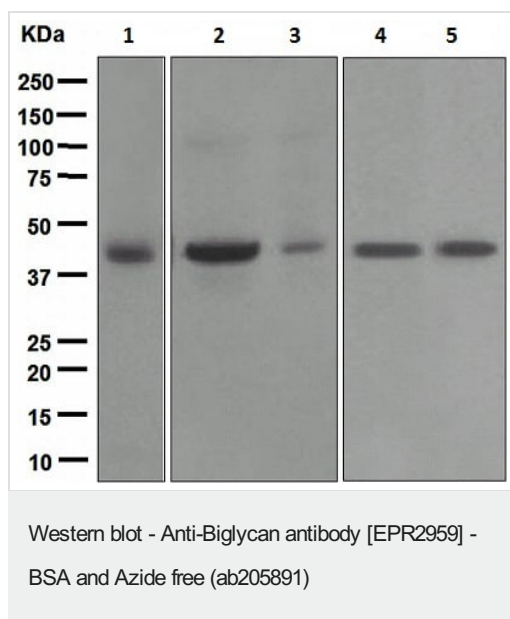
Function	May be involved in collagen fiber assembly.
Tissue specificity	Found in several connective tissues, especially in articular cartilages.
Sequence similarities	Belongs to the small leucine-rich proteoglycan (SLRP) family. SLRP class I subfamily. Contains 12 LRR (leucine-rich) repeats.
Post-translational modifications	The two attached glycosaminoglycan chains can be either chondroitin sulfate or dermatan sulfate.
Cellular localization	Secreted > extracellular space > extracellular matrix.

## Images



This data was developed using [ab109369](#), the same antibody clone in a different buffer formulation.

Intracellular flow cytometric analysis of permeabilized L6 cells using [ab109369](#) at 1/100 dilution (red) or a rabbit IgG (negative) (green).



**All lanes :** Anti-Biglycan antibody [EPR2959] ([ab109369](#)) at 1/1000 dilution

**Lane 1 :** Rat cartilage lysate

**Lane 2 :** L6 lysate

**Lane 3 :** C2C12 lysate

**Lane 4 :** Human skeletal muscle lysate

**Lane 5 :** Mouse muscle lysate

Lysates/proteins at 10 µg per lane.

### Secondary

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

**Predicted band size:** 42 kDa

This data was developed using [ab109369](#), the same antibody clone in a different buffer formulation.

### 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-Biglycan antibody [EPR2959] - BSA and Azide free (ab205891)

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

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