

Product datasheet

Anti-Fibromodulin antibody [EPR23029-174] - BSA and Azide free ab269866

Recombinant RabMAb

[2 Images](#)

Overview

Product name	Anti-Fibromodulin antibody [EPR23029-174] - BSA and Azide free
Description	Rabbit monoclonal [EPR23029-174] to Fibromodulin - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: IHC-P or IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: Recombinant Human Fibromodulin/FMOD protein, Human articular cartilage, Human uterus, Mouse articular cartilage, Rat articular cartilage, Human uterus and Human uterus treated with PNGase F lysates.
General notes	<p>ab269866 is the carrier-free version of ab267465.</p> <p>Our carrier-free 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 conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <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[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</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	EPR23029-174
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab269866 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

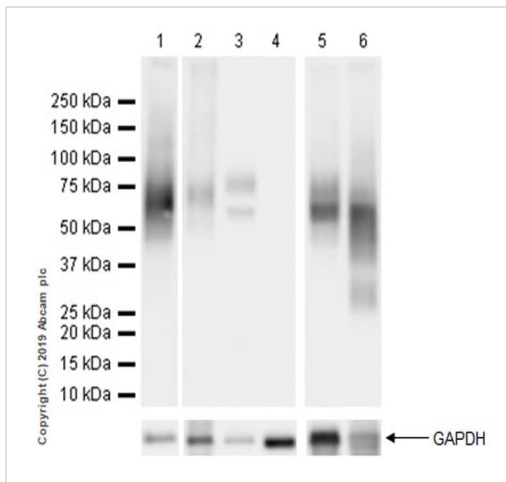
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 43 kDa.

Application notes Is unsuitable for IHC-P or IP.

Target

Function	Affects the rate of fibrils formation. May have a primary role in collagen fibrillogenesis.
Sequence similarities	Belongs to the small leucine-rich proteoglycan (SLRP) family. SLRP class II subfamily. Contains 11 LRR (leucine-rich) repeats. Contains 1 LRRNT domain.
Post-translational modifications	Binds keratan sulfate chains.
Cellular localization	Secreted > extracellular space > extracellular matrix.

Images



Western blot - Anti-Fibromodulin antibody
[EPR23029-174] - BSA and Azide free (ab269866)

All lanes : Anti-Fibromodulin antibody [EPR23029-174]
([ab267465](#)) at 1/1000 dilution

Lane 1 : Human articular cartilage lysate

Lane 2 : Human uterus lysate

Lane 3 : Human skin lysate

Lane 4 : HuT-78 (human Sezary syndrome cutaneous t lymphocyte)
whole cell lysate

Lane 5 : Mouse articular cartilage lysate

Lane 6 : Rat articular cartilage lysate

Lysates/proteins at 20 µg per lane.

Secondary

Lanes 1-4 : VeriBlot for IP Detection Reagent (HRP) ([ab131366](#))
at 1/1000 dilution

Lanes 5-6 : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/1000
dilution

Predicted band size: 43 kDa

Blocking and diluting buffer and concentration: 5% NFD/MTBST

The expression profile/ molecular weight observed is consistent
with what has been described in the literature (PMID: 12623288,
8895216)

Negative control: Hut-78 (PMID: 15741214)

Exposure time: Lane 1 second; Lanes 2-6:3 seconds
This data was developed using the same antibody clone in a different buffer
formulation containing PBS, BSA, glycerol, and sodium azide
([ab267465](#)).

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-Fibromodulin antibody [EPR23029-174] - BSA and Azide free (ab269866)

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

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