

Datasheet for ABIN952324

**anti-Fibromodulin antibody (C-Term)****3** Images[Go to Product page](#)

## Overview

Quantity:	0.4 mL
Target:	Fibromodulin (FMOD)
Binding Specificity:	AA 343-373, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fibromodulin antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 343~373 amino acids from the C-terminal region of Human Fibromodulin.
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human and Mouse Fibromodulin (C-term).
Purification:	Affinity Chromatography on Protein A

## Target Details

Target:	Fibromodulin (FMOD)
Alternative Name:	Fibromodulin ( <a href="#">FMOD Products</a> )

## Target Details

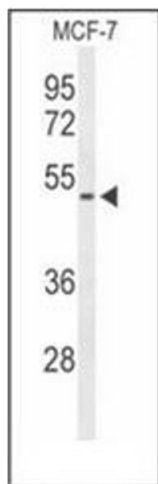
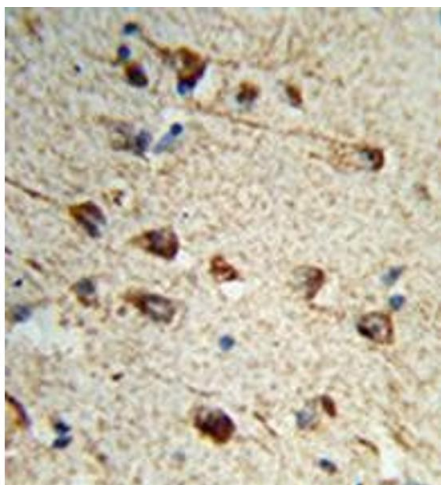
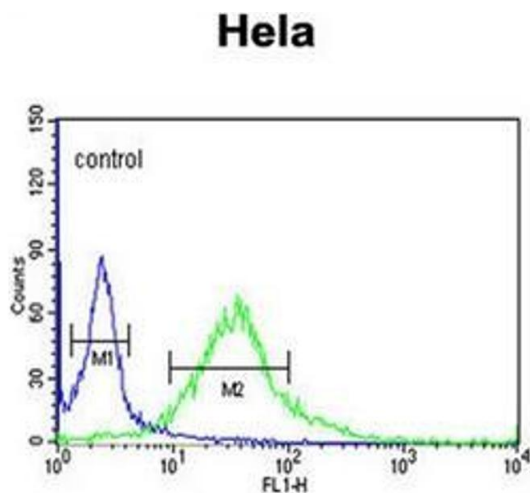
Background:	Fibromodulin is a member of a family of small interstitial proteoglycans, containing a central region composed of leucine-rich repeats with 4 keratan sulfate chains flanked by disulfide-bonded terminal domains. It may participate in the assembly of the extracellular matrix as it interacts with type I and type II collagen fibrils and inhibits fibrillogenesis in vitro. It may also regulate TGF-beta activities by sequestering TGF-beta into the extracellular matrix.Synonyms: Collagen-binding 59 kDa protein, FM, FMOD, KSPG fibromodulin, Keratan sulfate proteoglycan fibromodulin, SLRR2E
Molecular Weight:	43179 Da
Gene ID:	2331
NCBI Accession:	<a href="#">NP_002014</a>
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

**Image 1.** Flow cytometric analysis of Hela cells using Fibromodulin Antibody (C-term) Cat.-No AP51689PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Formalin-fixed and paraffin-embedded human brain tissue reacted with Fibromodulin Antibody (C-term) followed which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.

Western Blotting

**Image 3.** Western blot analysis of Fibromodulin Antibody (C-term) in mouse cerebellum tissue lysates (35ug/lane). FMOD (arrow) was detected using the purified Pab.