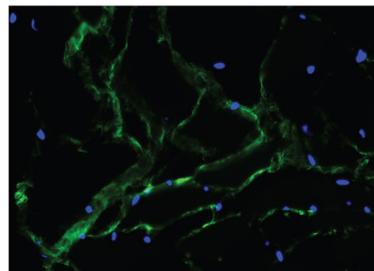




Mouse Anti-Fibrillin-1

Cat. No.	Format	Size
1405-01	Purified (UNLB)	0.2 mg
1405-02	Fluorescein (FITC)	0.2 mg
1405-08	Biotin (BIOT)	0.2 mg



Frozen bovine muscle tissue section was stained with Mouse Anti-Fibrillin-UNLB (SB Cat. No. 1405-01) followed by Goat Anti-Mouse IgG1, Human ads-FITC (SB Cat. No. 1070-02) and DAPI.

Overview

Clone	11C1.3
Isotype	Mouse (BALB/c) IgG ₁ κ
Immunogen	Microfibrils from the zonular apparatus of bovine eye
Specificity	Human/Bovine/Japanese Macaque fibrillin-1
Alternate Name(s)	FBN1

Description

The fibrillins are extracellular matrix glycoproteins which occur as a major component of a subset of connective tissue microfibrils. These microfibrils have a beaded appearance and a cross-sectional diameter of 10-12 nm. In elastic tissues, these structures are thought to provide the scaffold onto which elastin is assembled to form elastic fibers, although their function in non-elastic tissues is unclear. There is an aberrant expression of fibrillin in Marfan syndrome. The epitope for the monoclonal antibody 11C1.3 has been found to be within exons 18-20 (a.a. 723-909).

Applications

IHC-FS – Quality tested ¹⁻⁸
 IHC-PS – Reported in literature ^{9,10}
 ICC – Reported in literature ¹
 EM – Reported in literature ^{1,2,6}
 WB – Reported in literature ¹
 IP ¹¹

Working Dilutions

Immunohistochemistry	Purified (UNLB) antibody	≤ 4 µg/mL
	FITC and BIOT conjugates	≤ 4 µg/mL

Other Applications Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.

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Handling and Storage

- The purified (UNLB) antibody is supplied as 0.2 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The fluorescein (FITC) and biotin (BIOT) conjugates are supplied as 0.2 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

Warning

Some reagents contain sodium azide. Please refer to product specific SDS.

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