

Product datasheet for **AM08022PU-N**

Fibrillin 1 (FBN1) Mouse Monoclonal Antibody [Clone ID: 11C1.3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	11C1.3
Applications:	EM, IF, IHC, WB
Recommended Dilution:	Immunohistochemistry: 1/50-1/100 (30-60 min at RT). (See Ref.2) Immunofluorescence. (See Ref.2) Western blotting: < / = 1 µg/ml (See Ref.2) Electron Microscopic Immunolocalization. (See Ref.2)
Reactivity:	Bovine, Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Microfibrils from zonular apparatus of bovine eye.
Specificity:	This antibody recognises Fibrillin (Mr 350 kDa).
Formulation:	100 mM Borate Buffered Saline, pH 8.2. No preservatives or amine-containing buffer salts added. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: One year from despatch.
Gene Name:	fibrillin 1
Database Link:	Entrez Gene 2200 Human P35555



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Background:

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.(Ref.1) In Immunohistochemical staining of paraformaldehyde-fixed human skin, mAb 11C1.3 labels the elastic framework and more specifically the oxytalan network close to the epidermis. The antibody also exhibits discrete staining of normal fibroblasts in culture and of extracellular (elastin) fibrils in a variety of tissues.(Ref.2,3) There is an aberrant expression of fibrillin in Marfan syndrome.(Ref.4)

Synonyms:

FBN1, FBN