



Matrilin-1 Monoclonal Antibody

Catalog No	BYab-19323
Isotype	IgG
Reactivity	Human
Applications	WB;IF;ELISA
Gene Name	MATN1
Protein Name	Cartilage matrix protein
Immunogen	Purified recombinant fragment of human Matrilin-1 expressed in E. Coli.
Specificity	Matrilin-1 Monoclonal Antibody detects endogenous levels of Matrilin-1 protein.
Formulation	Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.
Source	Monoclonal, Mouse
Purification	Affinity purification
Dilution	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MATN1; CMP; CRTM; Cartilage matrix protein; Matrilin-1
Observed Band	
Cell Pathway	Secreted, extracellular space, extracellular matrix.
Tissue Specificity	Muscle,Trachea,
Function	function:Cartilage matrix protein is a major component of the extracellular matrix of non-articular cartilage. It binds to collagen.,similarity:Contains 1 EGF-like domain.,similarity:Contains 2 VWFA domains.,subunit:Homotrimer.,
Background	This gene encodes a member of von Willebrand factor A domain containing protein family. This family of proteins are thought to be involved in the formation of filamentous networks in the extracellular matrices of various tissues. Mutations of this gene have been associated with variety of inherited chondrodysplasias. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!

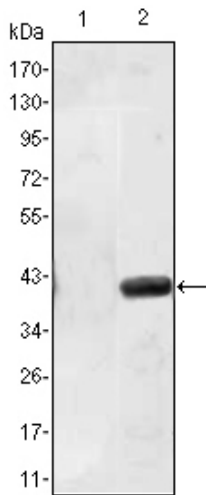
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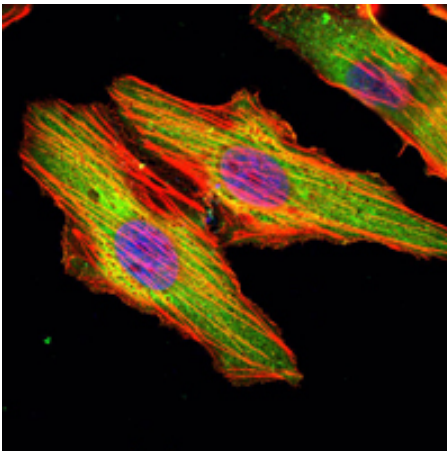
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis using Matrilin-1 Monoclonal Antibody against HEK293 (1) and MATN1-hlgGfc transfected HEK293 (2) cell lysate.



Immunofluorescence analysis of HeLa cells using Matrilin-1 Monoclonal Antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

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