

## Matrilin-1 Monoclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-MCA0865
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Size</b>	50ul, 100ul
<b>Immunogen</b>	Purified recombinant fragment of human Matrilin-1 expressed in E. Coli.
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	WB, IF, ICC, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Cartilage matrix protein
<b>Synonyms</b>	MATN1; CMP; CRTM; Cartilage matrix protein; Matrilin-1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### 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.

### Recommended Dilution

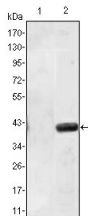
ELISA: 1:10000

IF: 1:200 - 1:1000

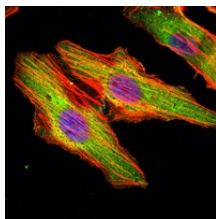
WB: 1:500 - 1:2000

Not yet tested in other applications.

### Images



Western Blot analysis using Matrilin-1 Monoclonal antibody against HEK293 (1) and MATN1-hIgGfc 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.

## Storage

-20°C for one year

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