

## Product datasheet

# Anti-MATN1 antibody - C-terminal ab171188

2 Images

### Overview

<b>Product name</b>	Anti-MATN1 antibody - C-terminal
<b>Description</b>	Rabbit polyclonal to MATN1 - C-terminal
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide within Human MATN1 aa 383-413 (C terminal) conjugated to Keyhole Limpet Haemocyanin (KLH). The exact sequence is proprietary. Database link: <a href="#">P21941</a>
<b>Positive control</b>	Human skeletal muscle tissue; NCH292 cell line lysate.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.09% Sodium azide Constituent: 99% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab171188 is purified through a protein A column, followed by peptide affinity purification.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab171188** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

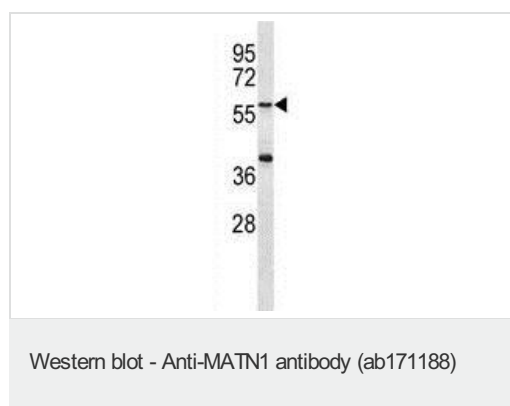
Application	Abreviews	Notes
IHC-P		1/10 - 1/50. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Application	Abreviews	Notes
WB		1/100 - 1/500. Predicted molecular weight: 54 kDa.

## Target

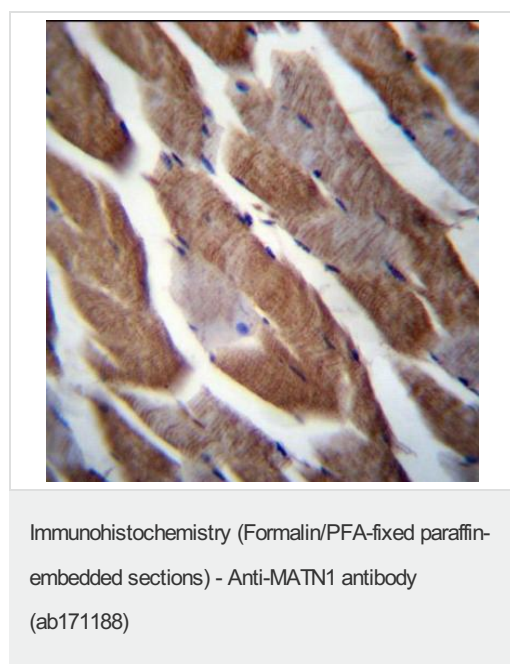
<b>Function</b>	Cartilage matrix protein is a major component of the extracellular matrix of non-articular cartilage. It binds to collagen.
<b>Sequence similarities</b>	Contains 1 EGF-like domain. Contains 2 VWFA domains.
<b>Cellular localization</b>	Secreted, extracellular space, extracellular matrix.

## Images



Anti-MATN1 antibody - C-terminal (ab171188)  
at 1/100 dilution + NCI-H292 cell line lysate at  
35 µg

**Predicted band size:** 54 kDa



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human skeletal muscle tissue, labeling MATN1 with ab171188 at 1/10 dilution, followed by peroxidase conjugation of the secondary antibody and DAB staining.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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