

## MATN1 Conjugated Antibody

Catalog No: #C36966



Package Size: #C36966-AF350 100ul #C36966-AF405 100ul #C36966-AF488 100ul  
 #C36966-AF555 100ul #C36966-AF594 100ul #C36966-AF647 100ul  
 #C36966-AF680 100ul #C36966-AF750 100ul #C36966-Biotin 100ul

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## Description

Product Name	MATN1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MATN1 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human matrilin 1, cartilage matrix protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CMP, CRTM
Accession No.	Swiss-Prot#:P21941NCBI Gene ID:4146NCBI Protein#:NP_002370
Uniprot	P21941
GeneID	4146;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

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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.

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Note: This product is for in vitro research use only