

## MMP16 Conjugated Antibody

Catalog No: #C35818



Package Size: #C35818-AF350 100ul #C35818-AF405 100ul #C35818-AF488 100ul  
 #C35818-AF555 100ul #C35818-AF594 100ul #C35818-AF647 100ul  
 #C35818-AF680 100ul #C35818-AF750 100ul #C35818-Biotin 100ul

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## Description

Product Name	MMP16 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MMP16 protein.
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human matrix metalloproteinase 16 (membrane-inserted)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	MMP-X2; C8orf57; MT-MMP2; MT-MMP3; MT3-MMP
Accession No.	Swiss-Prot#:P51512NCBI Gene ID:4325NCBI Protein#:BC069500
Uniprot	P51512
GeneID	4325;
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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Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. The encoded protein activates MMP2 by cleavage. This gene was once referred to as MT-MMP2, but was renamed as MT-MMP3 or MMP16.

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Note: This product is for in vitro research use only