

For Research Use Only

# CoraLite®594-conjugated MMP3 Monoclonal antibody



Catalog Number:CL594-66338

Featured Product

## Basic Information

<b>Catalog Number:</b> CL594-66338	<b>GenBank Accession Number:</b> BC074869	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 4314	<b>CloneNo.:</b> 1F5A9
<b>Source:</b> Mouse	<b>Full Name:</b> matrix metalloproteinase 3 (stromelysin 1, progelatinase)	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 477 aa, 54 kDa	<b>Excitation/Emission maxima wavelengths:</b> 593 nm / 614 nm
<b>Immunogen Catalog Number:</b> AG12359	<b>Observed MW:</b> 45-60 kDa	

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : A549 cells,
<b>Species Specificity:</b> human, rat, mouse, pig	

## Background Information

Matrix metalloproteinases (MMPs) play a critically important role in extracellular matrix remodeling and have been implicated in a number of key normal and pathologic processes. These proteases have come to represent important therapeutic and diagnostic targets for the treatment and detection of human cancers. MMP-3 activate procollagenase via two pathways: slow direct activation and rapid activation in conjunction with tissue or plasma proteinases. The pro-MMP3 (60 kDa) and the active MMP3 (47 kDa) can be detected through western blot.

## Storage

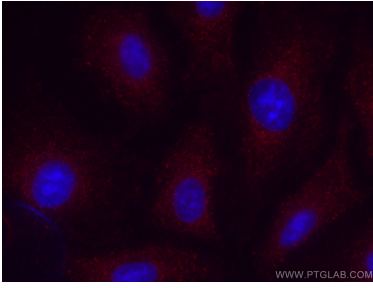
**Storage:**  
Store at -20°C. Avoid exposure to light.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using CoraLite®594 MMP3 antibody (CL594-66338, Clone: 1F5A9) at dilution of 1:200.