For Research Use Only

CoraLite®594-conjugated MMP3 Monoclonal antibody

Catalog Number:CL594-66338 Featured Product

proteintech®
Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
CL594-66338

Size:
100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG12359

GenBank Accession Number:
BC074869

GeneID (NCBI):
4314

UNIPROT ID:
P08254

Full Name:
matrix metallopeptidase 3 (stromelysin 1, progelatinase)

Calculated MW:
477 aa, 54 kDa

Observed MW:
45-60 kDa

Purification Method:
Protein G purification

CloneNo.:
1F5A9

Recommended Dilutions:
IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:
588 nm / 604 nm

Applications

Tested Applications:
IF/ICC

Species Specificity:
human, rat, mouse, pig

Positive Controls:

IF/ICC : A549 cells,

Background Information

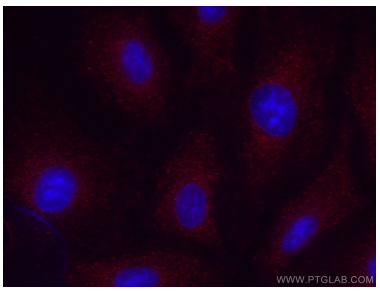
Matrix metalloproteinases (MMPs) play a critically important role in extracellular matrix remodeling and have been implicated in a number of key normal and pathologic processes.These proteases have come to represent important therapeutic and diagnostic targets for the treatment and detection of human 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. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

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.