

For Research Use Only

# Mmp8 Polyclonal antibody

Catalog Number:33084-1-AP



## Basic Information

Catalog Number:

33084-1-AP

Concentration:

350 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3161

GenBank Accession Number:

NM\_008611.4

GeneID (NCBI):

17394

UNIPROT ID:

O70138

Full Name:

matrix metalloproteinase 8

Calculated MW:

53 kDa

Observed MW:

60-70 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:500-1:2000

IF-P: 1:50-1:500

## Applications

Tested Applications:

WB, IF-P, ELISA

Species Specificity:

mouse, rat

Positive Controls:

WB : mouse lung tissue, mouse spleen tissue, rat lung tissue, rat spleen tissue

IF-P : mouse spleen tissue,

## Background Information

MMP8(Matrix metalloproteinase-8) an enzyme that degrades fibrillar collagens imparting strength to the fetal membranes, is expressed by leukocytes and chorionic cytotrophoblast cells(PMID:15367487). Purified human neutrophil MMP-8 with proeMMP-8 at 70-75 KDa and active enzyme at 65 KDa and amniochorion proenzyme and active enzyme at 65 and 50 KDa, respectively(PMID: 28772283, PMID:15042023).

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

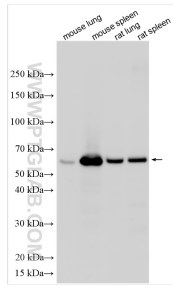
T: 4006900926

E: Proteintech-CN@ptglab.com

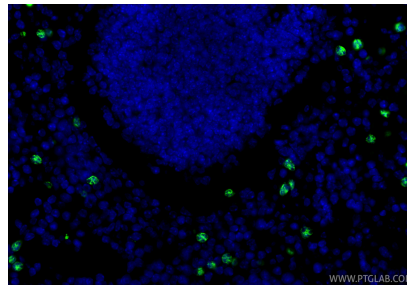
W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33084-1-AP (Mmp8 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse spleen tissue using Mmp8 antibody (33084-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).