

For Research Use Only

# Mmp8 Polyclonal antibody

Catalog Number:33084-1-AP



## Basic Information

<b>Catalog Number:</b> 33084-1-AP	<b>GenBank Accession Number:</b> NM_008611.4	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 350 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 17394	<b>Recommended Dilutions:</b> WB: 1:500-1:2000 IF-P: 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O70138	
<b>Isotype:</b> IgG	<b>Full Name:</b> matrix metalloproteinase 8	
<b>Immunogen Catalog Number:</b> EG3161	<b>Calculated MW:</b> 53 kDa	
	<b>Observed MW:</b> 60-70 kDa	

## Applications

<b>Tested Applications:</b> WB, IF-P, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> mouse, rat	<b>WB :</b> mouse lung tissue, mouse spleen tissue, rat lung tissue, rat spleen tissue
	<b>IF-P :</b> 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 proMMP-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

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

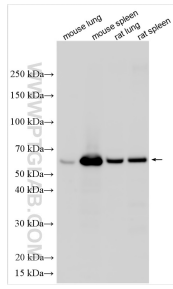
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

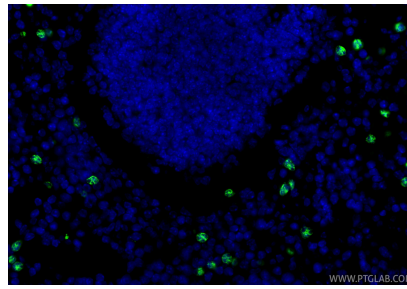
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## 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).