

For Research Use Only

# MMP8 Recombinant antibody

Catalog Number: 82885-1-RR



## Basic Information

Catalog Number:

82885-1-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC074988

GeneID (NCBI):

4317

UNIPROT ID:

P22894

Full Name:

matrix metalloproteinase 8  
(neutrophil collagenase)

Calculated MW:

467 aa, 53 kDa

Observed MW:

70 kDa

Purification Method:

Protein A purification

CloneNo.:

230030G11

Recommended Dilutions:

WB 1:1000-1:5000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, Rat

Positive Controls:

WB : HSC-T6 cells, K-562 cells, HepG2 cells

## 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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

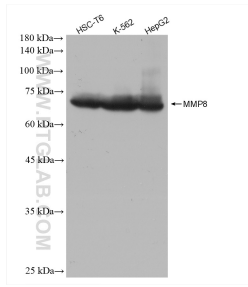
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82885-1-RR (MMP8 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.