

For Research Use Only

# MMP8 Recombinant antibody, PBS Only

Catalog Number: 82885-1-PBS



## Basic Information

**Catalog Number:**

82885-1-PBS

**Size:**

100ug, Concentration: 1mg/ml by Nanodrop;

**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

## Applications

**Tested Applications:**

IF/ICC, Indirect ELISA

**Species Specificity:**

human, rat

## Background Information

MMP8 (Matrix metalloproteinase-8) is 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 -80°C.

**Storage Buffer:**

PBS Only

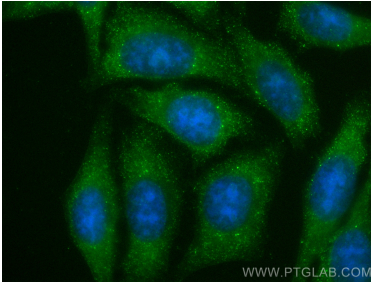
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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using MMP8 antibody (82885-1-RR, Clone: 230030G11) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 82885-1-PBS in a different storage buffer formulation.