

For Research Use Only

Anti-Mouse Mmp9 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98396-1-PBS



Basic Information

Catalog Number:

98396-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_013599

GeneID (NCBI):

17395

UNIPROT ID:

P41245

Full Name:

matrix metalloproteinase 9

Calculated MW:

81kd

Purification Method:

Protein A purification

CloneNo.:

230069F1

Applications

Tested Applications:

FC (Intra)

Species Specificity:

mouse

Background Information

MMP9 (matrix metalloproteinase 9), also named as Gelatinase B, is a member of matrix metalloproteinase (MMP) family. The MMP family of enzymes is comprised of critically important extracellular matrix remodeling proteases whose activity has been implicated in normal embryogenesis, tissue remodelling and many diseases such as arthritis, cancer, periodontitis, glomerulonephritis, encephalomyelitis, atherosclerosis and tissue ulceration. MMP9 is produced by a variety of normal and transformed cells including neutrophils, monocytes, macrophages, astrocytes, fibroblasts, osteoclasts and so on. Transgenic mouse models report that MMP9 contributes to skin carcinogenesis, suppresses development of experimental abdominal aortic aneurysms, and triggers the angiogenic switch during carcinogenesis.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

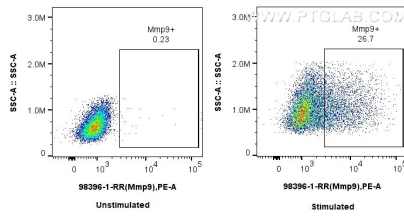
For technical support and original validation data for this product please contact:

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

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Selected Validation Data



1x10⁶ untreated or LPS and Brefeldin A treated RAW 264.7 cells were intracellularly stained with 0.13 ug Anti-Mouse Mmp9 Rabbit RecAb (98396-1-RR, Clone: 230069F1) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 98396-1-PBS in a different storage buffer formulation.