

For Research Use Only

FcZero-rAb® CoraLite® Plus 647 Anti-Mouse MMP9 Rabbit Recombinant Antibody

Catalog Number: CL647-FcA98396



Basic Information

Catalog Number: CL647-FcA98396	GenBank Accession Number: NM_013599	Purification Method: Protein A purification
Concentration: 100ug, 500 ug/ml	GeneID (NCBI): 17395	CloneNo.: 230069F1
Source: Rabbit	UNIPROT ID: P41245	Recommended Dilutions: FC (Intra): 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: matrix metalloproteinase 9	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Immunogen Catalog Number: EG0452	Calculated MW: 81kd	

Applications

Tested Applications: FC (Intra)	Positive Controls: FC (Intra) : LPS and Brefeldin A treated RAW 264.7 cells,
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 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH7.3

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

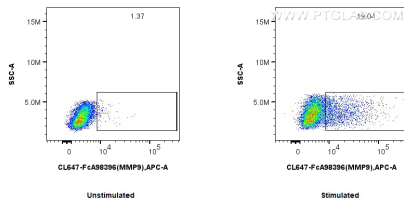
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ untreated or LPS and Brefeldin A treated RAW 264.7 cells were intracellularly stained with 0.25 ug CoraLite® Plus 647 Anti-Mouse MMP9 Rabbit RecAb (CL647-FcA98396, Clone: 230069F1). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).