

For Research Use Only

CoraLite® Plus 647 Anti-Mouse CCL3/MIP-1 alpha Rabbit Recombinant Antibody

Catalog Number: CL647-98194



Basic Information

Catalog Number: CL647-98194	GenBank Accession Number: NM_011337	Purification Method: Protein A purification
Concentration: 100ug, 500 ug/ml	GeneID (NCBI): 20302	CloneNo.: 241695B10
Source: Rabbit	UNIPROT ID: P10855	Recommended Dilutions: FC (Intra): 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: chemokine (C-C motif) ligand 3	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Immunogen Catalog Number: EG2170	Calculated MW: 10kd	

Applications

Tested Applications: FC (Intra)	Positive Controls: FC (Intra) : LPS and Brefeldin A treated J774A.1 cells,
Species Specificity: mouse	

Background Information

Chemokine (C-C motif) ligand 3 (CCL3), also known as MIP-1 α , belongs to the family of chemokines. CCL3 has been found in the central nervous system and its cognate receptors, CCR1 and CCR5, have been reported to be expressed by astrocytes, microglia and neurons. CCL3 and its receptors, CCR1 and CCR5, also contribute to the development of bone disease in multiple myeloma by supporting tumor growth and regulating osteoclast differentiation. CCL3 is also associated with the regulation of cell growth, angiogenesis, and metastasis of different tumors such as melanoma, renal cell carcinoma, and colorectal cancer. Moreover, CCL3 enhances cell migration and metastasis by up-regulating matrix metalloproteinase-2 (MMP)-2 expression in chondrosarcoma cells.

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:

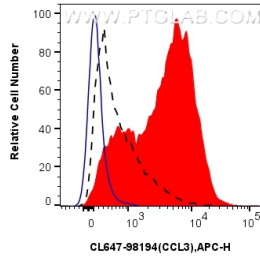
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Selected Validation Data



1×10^6 LPS and Brefeldin A treated J774A.1 cells were intracellularly stained with 0.25 ug CoraLite® Plus 647 Anti-Mouse CCL3 Rabbit RecAb (CL647-98194, Clone: 241695B10) (red) or CoraLite® Plus 647 Rabbit IgG Isotype Control RecAb (CL647-98136, Clone: 240953C9) (blue). 1×10^6 untreated J774A.1 cells were intracellularly stained with 0.25 ug CoraLite® Plus 647 Anti-Mouse CCL3 Rabbit RecAb (CL647-98194, Clone: 241695B10) (black, dashed). Cells were fixed and