

Anti-CD191 Antibody

Catalog # AP95725

Product Information

Application	WB, FC
Primary Accession	P32246
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	41173

Additional Information

Gene ID	1230
Other Names	CMKBR1; CMKR1; SCYAR1; C-C chemokine receptor type 1; C-C CKR-1; CC-CKR-1; CCR-1; CCR1; HM145; LD78 receptor; Macrophage inflammatory protein 1-alpha receptor; MIP-1alpha-R; RANTES-R; CD191
Target/Specificity	Recombinant fusion protein of human CD191 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	CCR1
Synonyms	CMKBR1, CMKR1, SCYAR1
Function	Chemokine receptor that plays a crucial role in regulating immune cell migration, inflammation, and immune responses (PubMed: 14991608). Contributes to the inflammatory response by recruiting immune cells, such as monocytes, macrophages, T-cells, and dendritic cells, to sites of inflammation for the clearance of pathogens and the resolution of tissue damage. When activated by its ligands including CCL3, CCL5-9, CCL13-16 and CCL23, triggers a signaling cascade within immune cells, leading to their migration towards the source of the chemokine (PubMed: 15905581 , PubMed: 38417634). For example, mediates neutrophil migration after activation by CCL3 leading to the sequential release of TNF and leukotriene B4 (By similarity). Also mediates monocyte migration upon CXCL4 binding (PubMed: 29930254). Activation by CCL5 results in neuroinflammation through the ERK1/2 signaling pathway (By similarity).

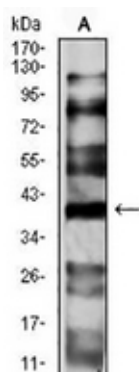
Cellular Location

Cell membrane; Multi-pass membrane protein

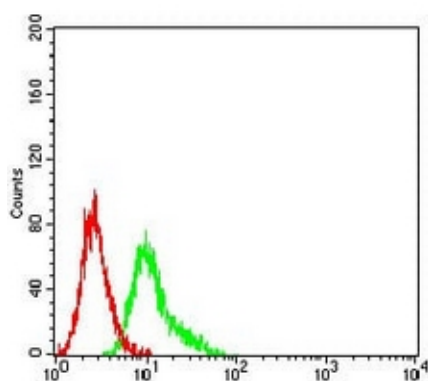
Tissue Location

Widely expressed in different hematopoietic cells.

Images



Western blot analysis of CD191 expression in HepG2 (A) whole cell lysates. (Predicted band size: 41 kD; Observed band size: 41 kD)



Flow cytometric analysis of Ramos cells using Anti-CD191 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.