

## Mouse Monoclonal Antibody to CD195

<b>Catalogue Number</b>	sAP-1657
<b>Target Molecule</b>	<b>Name: CD195</b> <b>Aliases:</b> CCR5; CKR5; CCR-5; CKR-5; CCCKR5; CMKBR5; IDDM22; CC-CKR-5 <b>MW: 40.5kDa</b> <b>Entrez Gene ID: 1234</b>
<b>Description</b>	This gene encodes a member of the beta chemokine receptor family, which is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. This protein is expressed by T cells and macrophages, and is known to be an important co-receptor for macrophage-tropic virus, including HIV, to enter host cells. Defective alleles of this gene have been associated with the HIV infection resistance. The ligands of this receptor include monocyte chemoattractant protein 2 (MCP-2), macrophage inflammatory protein 1 alpha (MIP-1 alpha), macrophage inflammatory protein 1 beta (MIP-1 beta) and regulated on activation normal T expressed and secreted protein (RANTES). Expression of this gene was also detected in a promyeloblastic cell line, suggesting that this protein may play a role in granulocyte lineage proliferation
<b>Immunogen</b>	Purified recombinant fragment of human CD195 (AA: extra mix) expressed in E. Coli.
<b>Recitative Species</b>	Human;Rat;
<b>Clone</b>	MM6G11D1
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: N to A; FCM: 1 to 200 - 1 to 400; IHC: 1 to 200 - 1 to 1000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.J Leukoc Biol. 2015 Jul;98(1):59-71. 2.J Gen Virol. 2015 Aug;96(8):2074-8.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**