

## Mouse Monoclonal Antibody to CD191

<b>Catalogue Number</b>	sAP-1726
<b>Target Molecule</b>	<p><b>Name: CD191</b></p> <p><b>Aliases:</b> CCR1; CKR1; CKR-1; HM145; CMKBR1; MIP1aR; SCYAR1</p> <p><b>MW: 41.2kDa</b></p> <p><b>Entrez Gene ID: 1230</b></p>
<b>Description</b>	<p>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. The ligands of this receptor include macrophage inflammatory protein 1 alpha (MIP-1 alpha), regulated on activation normal T expressed and secreted protein (RANTES), monocyte chemoattractant protein 3 (MCP-3), and myeloid progenitor inhibitory factor-1 (MPIF-1). Chemokines and their receptors mediated signal transduction are critical for the recruitment of effector immune cells to the site of inflammation. Knockout studies of the mouse homolog suggested the roles of this gene in host protection from inflammatory response, and susceptibility to virus and parasite. This gene and other chemokine receptor genes, including CCR2, CCRL2, CCR3, CCR5 and CCXCR1, are</p>
<b>Immunogen</b>	Purified recombinant fragment of human CD191 (AA: extra mix) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM8E10F9
<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: N to A
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.Histol Histopathol. 2014 Sep;29(9):1153-60.2.Am J Clin Pathol. 2010 Mar;133(3):473-83.

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**