

## Mouse Monoclonal Antibody to CD193

<b>Catalogue Number</b>	sAP-1663
<b>Target Molecule</b>	<p><b>Name: CD193</b></p> <p><b>Aliases:</b> CKR3; CCR3; CMKBR3; CC-CKR-3</p> <p><b>MW: 41kDa</b></p> <p><b>Entrez Gene ID: 1232</b></p>
<b>Description</b>	<p>The protein encoded by this gene is a receptor for C-C type chemokines. It belongs to family 1 of the G protein-coupled receptors. This receptor binds and responds to a variety of chemokines, including eotaxin (CCL11), eotaxin-3 (CCL26), MCP-3 (CCL7), MCP-4 (CCL13), and RANTES (CCL5). It is highly expressed in eosinophils and basophils, and is also detected in TH1 and TH2 cells, as well as in airway epithelial cells. This receptor may contribute to the accumulation and activation of eosinophils and other inflammatory cells in the allergic airway. It is also known to be an entry co-receptor for HIV-1. This gene and seven other chemokine receptor genes form a chemokine receptor gene cluster on the chromosomal region 3p21. Alternatively spliced transcript variants have been described.</p>
<b>Immunogen</b>	Purified recombinant fragment of human CD193 (AA: extra mix) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM8E9H10
<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.J Dermatol Sci. 2013 Jul;71(1):12-21.2.Am J Clin Pathol. 2013 Sep;140(3):293-300.

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**