

## Mouse Monoclonal Antibody to CD193

Catalogue Number	sAP-1663
Target Molecule	<b>Name:</b> CD193 <b>Aliases:</b> CKR3; CCR3; CMKBR3; CC-CKR-3 <b>MW:</b> 41kDa <b>Entrez Gene ID:</b> 1232
Description	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.
Immunogen	Purified recombinant fragment of human CD193 (AA: extra mix) expressed in E. Coli.
Recitative Species	Human;
Clone	MM8E9H10
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	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
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	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**