

Product datasheet for **AM26800PU-N**

CD193 / CCR3 Mouse Monoclonal Antibody [Clone ID: 5E8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	5E8
Applications:	FC
Recommended Dilution:	Flow cytometry.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Specificity:	This antibody recognizes CD193 (chemokine receptor 3), an approximately 41 kDa protein expressed above all in eosinophils and basophils.
Formulation:	Phosphate buffered saline (PBS) State: Purified State: Liquid Ig fraction Preservative: 15 mM sodium azide, approx. pH 7.4
Concentration:	lot specific
Purification:	Protein-A affinity chromatography (> 95% pure by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	C-C motif chemokine receptor 3
Database Link:	Entrez Gene 1232 Human P51677



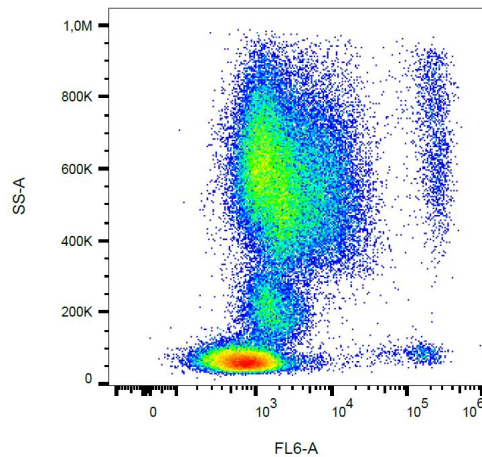
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Background:

CD193 / CCR3 is a G-protein coupled receptor for several chemokines, namely CCL11 (eotaxin), CCL26 (eotaxin-3), CCL7 (MCP-4), or CCL5 (RANTES). It is highly expressed on eosinophils and basophils, and is also detected in TH1 and TH2 cells, as well as in airway epithelial cells. CD193 is the key eosinophil chemokine receptor responsible for regulation of eosinophil migration and function. 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.

Synonyms:

C-C chemokine receptor type 3, C-C CKR-3, CC-CKR-3, CCR-3, CKR3, CMKBR3

Product images:

Surface staining of CD193 in human peripheral blood with anti-human CD193 (5E8) purified, GAM-APC.