

## Product datasheet for **AM26800AC-N**

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

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	5E8
Applications:	FC
Recommended Dilution:	<b>Flow Cytometry analysis</b> of human blood cells using 10 $\mu$ l reagent / 100 $\mu$ l of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
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) containing 15 mM sodium azide Label: APC State: Liquid purified Ig fraction Label: Conjugated with cross-linked Allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use.
Conjugation:	APC
Storage:	Store the antibody undiluted at 2-8°C. <b>DO NOT FREEZE!</b> This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	C-C motif chemokine receptor 3
Database Link:	<a href="#">Entrez Gene 1232 Human P51677</a>



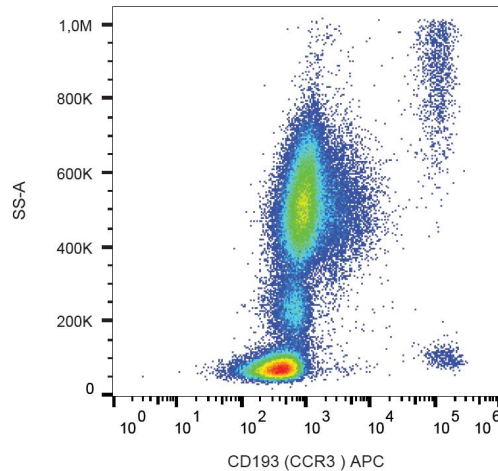
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**Background:**

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) APC.