

# CD193 (CCR3) Monoclonal Antibody (eBio5E8-G9-B4 (5E8-G9-B4)), APC, eBioscience™

Product Details	
Size	100 Tests
Species Reactivity	Human
Published Species	Mouse
Host/Isotype	Mouse / IgG2b, kappa
Recommended Isotype Control	Mouse IgG2b kappa Isotype Control (eBMG2b), APC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	eBio5E8-G9-B4 (5E8-G9-B4)
Conjugate	APC
Excitation/Emission Max	651/660 nm
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_10853007

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.25 µg)/test	1 Publication

## Product Specific Information

**Description:** The eBio5E8-G9-B4 monoclonal antibody reacts with human CD193 (CCR3, CKR3). CD193 is a member of the seven transmembrane G-protein coupled receptor (GPCR) family, and is a high affinity chemokine receptor for the chemokines eotaxin-1 (CCL11), eotaxin-2 (CCL24), eotaxin-3 (CCL26) and MCP-4 (CCL13), but has also been reported to bind RANTES, MCP-3 and MCP-4. CD193 is highly expressed on the surface of eosinophils, and is the key eosinophil chemokine receptor responsible for the regulation of eosinophil migration and function. In addition to eosinophils, CD193 is also expressed on CD4+ TH2 cells, basophils, mast cells, mononuclear phagocytes, platelets, CD34+ hematopoietic progenitors and airway epithelial cells. CD193 likely plays an important role in the migration of eosinophils in allergic airway inflammation and asthma. CD193 can also serve as a receptor for HIV-1 cell entry.

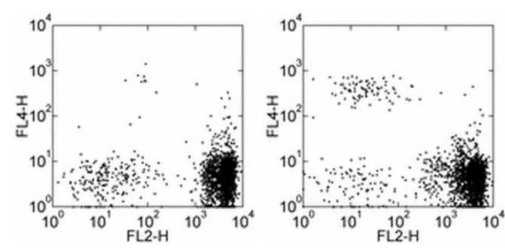
**Applications Reported:** This eBio5E8-G9-B4 (5E8-G9-B4) antibody has been reported for use in flow cytometric analysis.

**Applications Tested:** This eBio5E8-G9-B4 (5E8-G9-B4) antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood. This can be used at 5 µL (0.25 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10<sup>5</sup> to 10<sup>8</sup> cells/test.

**Excitation:** 633-647 nm; **Emission:** 660 nm; **Laser:** Red Laser.

**Filtration:** 0.2 µm post-manufacturing filtered.

Product Images For CD193 (CCR3) Monoclonal Antibody (eBio5E8-G9-B4 (5E8-G9-B4)), APC, eBioscience™



**CD193 (CCR3) Antibody (17-1939-42) in Flow**  
Staining of normal human peripheral blood cells with Anti-Human CD16 PE (Product # 12-0168-42) and Mouse IgG2b K Isotype Control APC (Product # 17-4732-81) (left) or Anti-Human CD193 (CCR3) APC (right). Cells in the large scatter population were used for analysis.

1 Reference

Flow Cytometry (1)

Journal of neuroimmune pharmacology : the official journal of the Society on NeuroImmune Pharmacology	Year 2012
Inhibition of TLR ligand- and interferon gamma-induced murine microglial activation by Panax notoginseng.	Species Mouse
"17-1939 was used in Flow cytometry/Cell sorting to investigate the effects of Panax notoginseng on TLR ligand-and IFN-induced activation in N9 and EOC20 microglial cells lines."	
Authors: Beamer CA,Shepherd DM	

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