



Datasheet for ABIN2749182

anti-CCR3 antibody



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Overview

Quantity:	0.1 mg
Target:	CCR3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CCR3 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	human CD193 transfectants
Clone:	5E8
Isotype:	IgG2b kappa
Specificity:	The mouse monoclonal antibody 5E8 recognizes an extracellular epitope of CD193 (chemokine receptor 3), an approximately 41 kDa protein expressed above all in eosinophils and basophils.
Cross-Reactivity (Details):	Human
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

Target Details

Target:	CCR3
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Target Details

Alternative Name:	CD193 (CCR3 Products)
Background:	C-C motif chemokine receptor 3,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.,CCR3, CKR3, CMKBR3, CC-CKR-3
Gene ID:	1232
UniProt:	P51677

Application Details

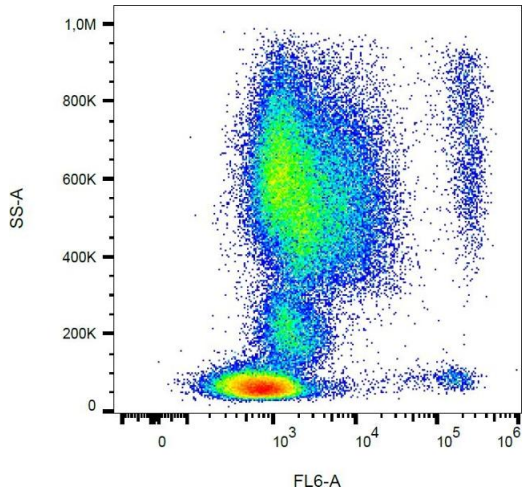
Application Notes:	Flow cytometry: Recommended dilution: 1-4 µg/mL.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.

Publications

Product cited in:	Morshed, Hlushchuk, Simon, Walls, Obata-Ninomiya, Karasuyama, Djonov, Eggel, Kaufmann, Simon, Yousefi: "NADPH oxidase-independent formation of extracellular DNA traps by basophils." in: Journal of immunology (Baltimore, Md. : 1950) , Vol. 192, Issue 11, pp. 5314-23, (2014) (PubMed).
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Flow Cytometry

Image 1. Flow cytometry analysis (surface staining) of CD193 in human peripheral blood with anti-human CD193 (5E8) purified, GAM-APC.