



[Go to Product page](#)

Datasheet for ABIN2749177  
**anti-CCR3 antibody (PE)**

2 Images

1 Publication

### Overview

Quantity:	100 tests
Target:	CCR3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CCR3 antibody is conjugated to PE
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 antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

### Target Details

Target:	CCR3
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## Target Details

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Alternative Name:	CD193 ( <a href="#">CCR3 Products</a> )
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:	<a href="#">P51677</a>

## Application Details

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Application Notes:	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µL reagent / 100 µL of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Comment:	The purified antibody is conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.
Restrictions:	For Research Use only

## Handling

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Buffer:	Stabilizing 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. Protect from prolonged exposure to light. Do not freeze.

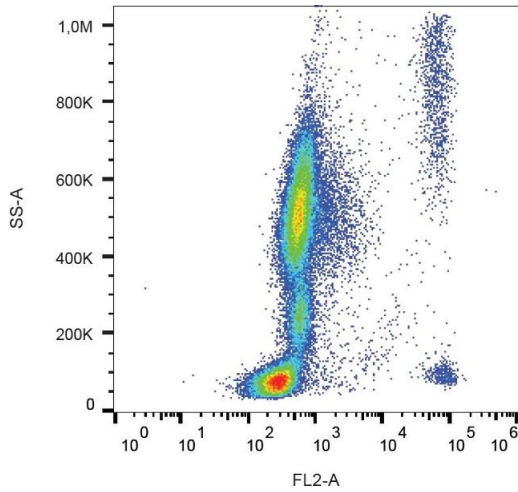
## Publications

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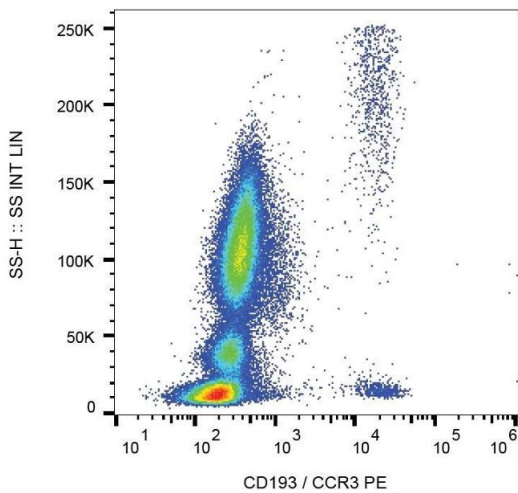
basophils." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 192, Issue 11, pp. 5314-23, (2014) ([PubMed](#)).

Images



Flow Cytometry

**Image 1.** Flow cytometry analysis (surface staining) of CD193 in human peripheral blood with anti-human CD193 (5E8) PE.



Flow Cytometry

**Image 2.** Surface staining of CD193 in human peripheral blood with anti-human CD193 (5E8) PE.