



# CD193 Antibody [5E8-G9-B4] (PE)

Cat. No.: 76-860



## Ψ Specifications

<b>HOST SPECIES:</b>	Mouse
<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	Flow
<b>SPECIFICITY:</b>	The 5E8-G9-B4 monoclonal antibody specifically reacts with human CD193, also known as CKR3 and CCR3.

## Ψ Properties

<b>PURIFICATION:</b>	The monoclonal antibody was purified utilizing affinity chromatography and unreacted dye was removed from the product.
<b>CLONALITY:</b>	Monoclonal
<b>ISOTYPE:</b>	Mouse IgG2b, kappa
<b>CONJUGATE:</b>	PE
<b>PHYSICAL STATE:</b>	liquid
<b>BUFFER:</b>	Phosphate-buffered aqueous solution, ≤0.09% Sodium azide, may contain carrier protein/stabilizer, pH7.2.
<b>CONCENTRATION:</b>	batch dependent

<b>STORAGE CONDITIONS:</b>	The product should be stored undiluted at 4 °C and should be protected from prolonged exposure to light. Do not freeze.
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## Ψ Additional Info

<b>OFFICIAL SYMBOL:</b>	CCR3
<b>ALTERNATE NAMES:</b>	CKR3, CD193, CMKBR3, CC-CKR-3, CCR3
<b>GENE ID:</b>	1232
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.

## Ψ Background and References

<b>BACKGROUND:</b>	The 5E8-G9-B4 monoclonal antibody specifically reacts with human CD193, also known as CKR3 and CCR3. CD193. CD193 is a G protein-coupled seven transmembrane receptor that binds to eotaxin-1,2,3 and to a lesser degree to MCP-3,4 and RANTES. It is expressed on eosinophils and basophils, mast cells platelets, CD34+ hematopoietic progenitor, and mononuclear phagocytes. CD193 plays a role in asthma and is a co-receptor for HIV-1,2.
<b>REFERENCES:</b>	1) Breviario, F., Caveda, L., Corada, M., Martin-Padura, I., Navarro, P., Golay, J., ... Dejana, E. (1995). Functional properties of human vascular endothelial cadherin (7B4/cadherin-5), an endothelium-specific cadherin. <i>Arteriosclerosis, thrombosis, and vascular biology</i> ,15(8), 1229-1239.
	2) Rajesh, D., Chinnasamy, N., Mitalipov, S. M., Wolf, D. P., Slukvin, I., Thomson, J. A., Shaaban, A. F. (2007). Differential requirements for hematopoietic commitment between human and rhesus embryonic stem cells. <i>Stem Cells</i> ,25(2), 490-499.
	3) Dejana, E., Bazzoni, G., Lampugnani, M. G. (1999). Vascular endothelial (VE)-cadherin: only an intercellular glue?. <i>Experimental cell research</i> ,252(1), 13-19.

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