

## Monoclonal Antibody to CD89 / FCAR - PE

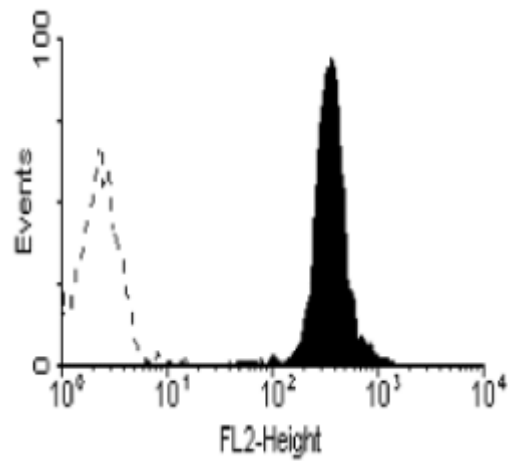
<b>Alternate names:</b>	IgA Fc receptor, Immunoglobulin alpha Fc receptor
<b>Catalog No.:</b>	SM1198R
<b>Quantity:</b>	100 Tests
<b>Background:</b>	CD89 cell surface antigen is a 50-70kD glycoprotein that is also known as the IgA receptor. CD89 is expressed by peripheral blood neutrophils and monocytes.
<b>Uniprot ID:</b>	<a href="#">P24071</a>
<b>NCBI:</b>	<a href="#">NP_001991.1</a>
<b>GeneID:</b>	<a href="#">2204</a>
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	MIP8a
<b>Immunogen:</b>	Recombinant soluble Human Fc alpha R.
<b>Format:</b>	<b>State:</b> Lyophilized purified IgG fraction. <b>Buffer System:</b> PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. <b>Label:</b> PE – R. Phycoerythrin (RPE) <b>Reconstitution:</b> Restore with 1 ml distilled water
<b>Applications:</b>	<b>Flow Cytometry:</b> Use 10 µl of neat CD89 antibody to label 10e6 cells or 100 µl whole blood. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognizes the Human CD89 cell surface antigen. <b>Species:</b> Human. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted (Prior to and following reconstitution) at 2-8°C. <b>DO NOT FREEZE!</b> This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
<b>General References:</b>	1. Zhang, W. et al. (2000) Neutrophil lactoferrin release induced by IgA immune complexes differed from that induced by cross-linking of Fc alpha receptors (Fc alpha R) with a monoclonal antibody, MIP8a. Clin. Exp. Immunol. 121: 106-111. 2. Lu, J. et al. (2011) Recognition and functional activation of the human IgA receptor (Fc{alpha}RI) by C-reactive protein. Proc Natl Acad Sci U S A. 108: 4974-9.

**For research and in vitro use only. Not for diagnostic or therapeutic work.**

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Pictures:



Staining of peripheral blood granulocytes with Mouse anti Human CD89 antibody RPE conjugated (SM1198R).

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