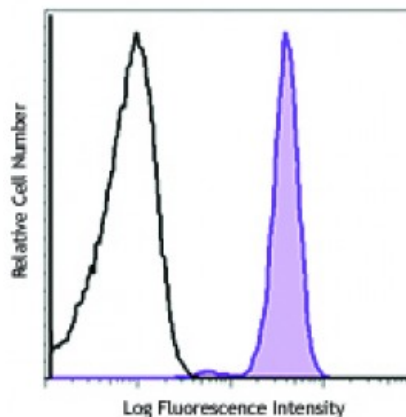


APC anti-human CD89

Catalog # / Size:	2370530 / 100 tests 2370525 / 25 tests
Clone:	A59
Isotype:	Mouse IgG1, κ
Immunogen:	Ag8.653 myeloma cells
Reactivity:	Human
Preparation:	The antibody was purified by affinity chromatography and conjugated with APC under optimal conditions. The solution is free of unconjugated APC and unconjugated antibody.
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).
Workshop Number:	V MR30
Concentration:	Lot-specific



Human peripheral blood granulocytes were stained with CD89 (clone A59) APC (filled histogram) or mouse IgG1, κ APC isotype control (open histogram).

Applications:

Applications:	Flow Cytometry
Recommended Usage:	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is 5 μ L per million cells or 5 μ L per 100 μ L of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

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Application References:	1. Monteiro RC, <i>et al.</i> 1992. <i>J. Immunol.</i> 148:1764. 2. Shen L. 1992. <i>J. Leukoc. Biol.</i> 51:373. 3. Schlossman S, <i>et al.</i> Eds. 1995. <i>Leucocyte Typing V</i> . Oxford University Press. New York. 4. Rogers KA, <i>et al.</i> 2004. <i>Immunology</i> 113:178.
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Description: CD89, also known as Fc α R, is a 55-100 kD glycosylated protein. It belongs to the immunoglobulin gene family. It is expressed on granulocytes, monocytes, and macrophages but is absent on T cells. It can interact with IgA aggregates and plays an important role in IgA mediated immune responses.

Antigen References:	1. Patry C, <i>et al.</i> 1996. <i>J. Immunol.</i> 156:4442. 2. de Wit, <i>et al.</i> 1995. <i>J. Immunol.</i> 155:1203. 3. Honorio-França AC, <i>et al.</i> 2001. <i>J. Leukoc. Biol.</i> 69:289.
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