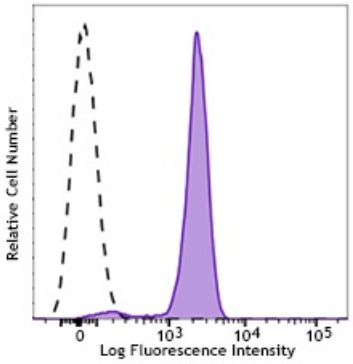
SONY

Product Data Sheet

APC/Fire™ 750 anti-human CD89

Catalog # / Size:	2370575 / 25 tests 2370580 / 100 tests
Clone:	A59
Isotype:	Mouse IgG1, κ
Immunogen:	Ag8.653 myeloma cells
Reactivity:	Human, Non-human primate, Other
Preparation:	The antibody was purified by affinity chromatography and conjugated with APC/Fire™ 750 under optimal conditions.
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 anti-human CD89 APC/Fire™ 750 (clone A59, filled histogram) or mouse IgG1, κ APC/Fire™ 750 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 µl per million cells in 100 µl staining volume or 5 µl per 100 µl of whole blood. * APC/Fire™ 750 has a maximum excitation of 650 nm and a maximum emission of 787 nm.

Application References:

1. Monteiro RC, *et al.* 1992. *J. Immunol.* 148:1764.
2. Shen L. 1992. *J. Leukoc. Biol.* 51:373.
3. Schlossman S, *et al.* Eds. 1995. Leucocyte Typing V. Oxford University Press. New York.
4. Rogers KA, *et al.* 2004. *Immunology* 113:178.

Description: CD89, also known as FcαR, 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, *et al.* 1996. *J. Immunol.* 156:4442.
2. de Wit, *et al.* 1995. *J. Immunol.* 155:1203.
3. Honorio-França AC, *et al.* 2001. *J. Leukoc. Biol.* 69:289.

Sony Biotechnology Inc. 1730 North First Street, San Jose, CA 95112 www.sonybiotechnology.com