

FITC anti-human CD89

Catalog # / Size: 2370570 / 100 tests
2370565 / 25 tests

Clone: A59

Isotype: Mouse IgG1, κ

Immunogen: Ag8.653 myeloma cells

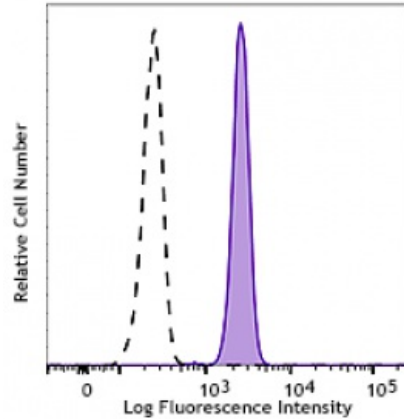
Reactivity: Human, Non-human primate

Preparation: The antibody was purified by affinity chromatography and conjugated with FITC under optimal conditions. The solution is free of unconjugated FITC 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 anti-human CD89 FITC (clone A59, filled histogram) or mouse IgG1, κ FITC 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.

Application 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.

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, *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.