

PE anti-human CD59

Catalog # / Size: 304707 / 25 tests
304708 / 100 tests

Clone: p282 (H19)

Isotype: Mouse IgG2a, κ

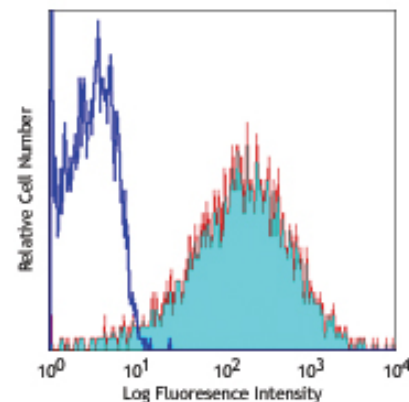
Workshop Number: V S006

Reactivity: Human, **Cross-Reactivity*:** Chimpanzee, Baboon, Cynomolgus, Rhesus

Preparation: The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



Human peripheral blood lymphocytes stained with p282 PE

Applications:

Applications: FC - Quality tested

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. **Test size products are transitioning from 20 μ l to 5 μ l per test.** Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100 μ l staining volume or per 100 μ l of whole blood. It is recommended that the reagent be titrated for optimal performance for each application. Read more at www.biolegend.com/testsize regarding the test size change.

Application References: 1. Schlossman S, *et al.* Eds. 1995. Leucocyte Typing V. Oxford University Press. New York.

Description: CD59 is a 19-25 kD glycosylphosphatidylinositol (GPI)-anchored glycoprotein also known as protectin, MACIF, and H19. It is broadly expressed on hematopoietic and non-hematopoietic cells. CD59 inhibits the cytolytic activity of complement by binding to C9, inhibiting incorporation into C5b-8, and preventing the terminal steps in complement polymerization of the membrane attack complex. CD59 has also been reported to play a role in T cell activation.

Antigen References: 1. Davies A, *et al.* 1993. *Immunol. Res.* 12:258.
2. Lachmann P. 1991. *Immunol. Today* 12:312.
3. Liszewski M, *et al.* 1996. *Adv. Immunol.* 61:201.

Related Products:

Product	Clone	Application
PE Mouse IgG2a, κ Isotype Ctrl	MOPC-173	FC, ICFC
Cell Staining Buffer		FC, ICC, ICFC
RBC Lysis Buffer (10X)		FC, ICFC
PE anti-human CD55	JS11	FC
Human TruStain FcX™ (Fc Receptor Blocking Solution)		FC, ICC, ICFC



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