

Product Data Sheet

PE anti-human CD35

Catalog # / Size: 333405 / 25 tests
333406 / 100 tests

Clone: E11

Isotype: Mouse IgG1, κ

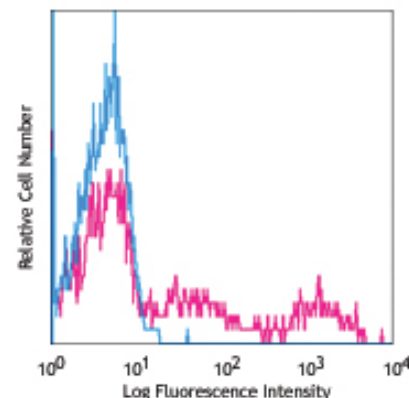
Workshop Number: III 204

Reactivity: Human

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 E11 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. Hogg N, *et al.* 1984. *Eur. J. Immunol.* 14:236
2. Zabeleta J, *et al.* 1998. *Clin Diag. Lab. Immunol.* 5:690
3. Pascual M, *et al.* 1994. *Eur. J. Immunol.* 24:702

Description: CD35 is a type I single chain of glycoprotein, also known as C3b/C4b receptor, Complement Receptor type 1 or CR1. Four molecular weight allotypes (160kD, 190kD, 220kD, and 250kD) have been described. CD35 is expressed on granulocytes, monocytes, B cells, erythrocytes, and follicular dendritic cells, as well as subsets of NK and T cells. CD35 binds complement C3b, C4b, or iC3, and iC4, and plays important roles in both innate and adoptive immune response via mediating phagocytosis by granulocytes and monocytes. CD35 has also been reported to inhibit T-cell proliferation.

Antigen References:

1. Zola Heddy, *et al.* Eds. 2007. *Leukocyte and Stromal Cell Molecules: The CD markers.* WILEY-LISS
2. Klickstein LB, *et al.* 1988. *J. Exp. Med.* 168:1699

Related Products: **Product**
Human TruStain FcX™ (Fc Receptor Blocking Solution)

Clone

Application
FC, ICC, ICFC



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