

Purified anti-human CD35

Catalog # / Size: 333402 / 100 µg

Clone: E11

Isotype: Mouse IgG1, κ

Workshop Number: Ill 204

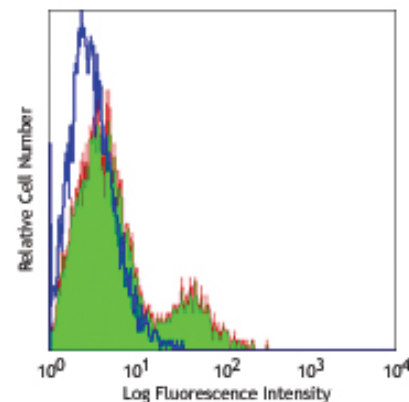
Reactivity: Human

Preparation: The antibody was purified by affinity chromatography.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C.



Human peripheral blood lymphocytes stained purified E11, followed by anti-mouse IgG FITC

Applications:

Applications: FC - Quality tested
IP, IHC - Reported in the literature

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in $100 \mu\text{l}$ volume or $100 \mu\text{l}$ of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Application References:

- Hogg N, et al. 1984. *Eur. J. Immunol.* 14:236
- Zabeleta J, et al. 1998. *Clin Diag. Lab. Immunol.* 5:690
- 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:

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

Related Products:

Product
Purified Mouse IgG1, κ Isotype Ctrl
Cell Staining Buffer
RBC Lysis Buffer (10X)

Clone
MOPC-21

Application
FC, ICFC, ICC, IF, IHC, IP, WB
FC, ICC, ICFC
FC, ICFC



For research use only. Not for diagnostic use. Not for resale. BioLegend will not be held responsible for patent infringement or other violations that may occur with the use of our products.



*These products may be covered by one or more Limited Use Label Licenses (see the BioLegend Catalog or our website, www.biolegend.com/ordering#license). BioLegend products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products, reverse engineer functionally similar materials, or to provide a service to third parties without written approval of BioLegend. By use of these products you accept the terms and conditions of all applicable Limited Use Label Licenses. Unless otherwise indicated, these products are for research use only and are not intended for human or animal diagnostic, therapeutic or commercial use.