

Product Data Sheet

Purified anti-mouse CD21/CD35 (CR2/CR1)

Catalog # / Size: 123402 / 500 µg

Clone: 7E9

Isotype: Rat IgG2a, κ

Immunogen: CD35/CFA

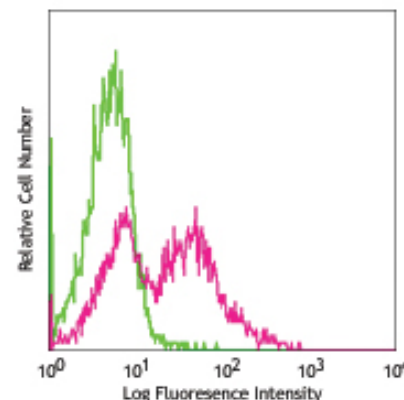
Reactivity: Mouse

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.



C57BL/6 mouse splenocytes stained with purified 7E9, followed by anti-rat IgG FITC

Applications:

Applications: FC - Quality tested

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 ≤ 0.25 µg per 10^6 cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Boackle S, *et al.* 2001 *Immunity* 15:775.

Description: CD21, also known as CR2 (complement receptor 2) and C3d receptor, binds C3d and iC3b. It is also a receptor of Epstein-Barr virus. CD35, also known as CR1, binds C3b, iC3b, C4b, and iC4b. CD21/CD35 is primarily expressed on B lymphocytes, mast cells, follicular dendritic cells, macrophages, and activated granulocytes. CD21/CD35 forms part of the B-cell antigen receptor complex with CD19 and CD81 and is involved in signal transduction.

Antigen References: 1. Kozono Y, *et al.* 1998. *J. Immunol.* 160:1562.
 2. Shimizu I, *et al.* 2007. *Blood* 109:1773.
 3. Roozendaal R and MC. Carroll. 2007. *Immunol. Rev.* 219:157.

Related Products:

Product
 APC Goat anti-rat IgG (minimal x-reactivity)
 FITC Goat anti-rat IgG (minimal x-reactivity)
 PE Goat anti-rat IgG (minimal x-reactivity)
 Cell Staining Buffer
 Purified Rat IgG2a, κ Isotype Ctrl

Clone
 Poly4054
 Poly4054
 Poly4054

 RTK2758

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



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