

Product Data Sheet

FITC anti-mouse Siglec H

Catalog # / Size: 129603 / 50 µg
129604 / 500 µg

Clone: 551

Isotype: Rat IgG1, κ

Immunogen: Siglec-H-Fc recombinant fusion protein

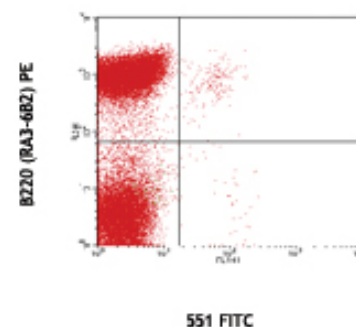
Reactivity: Mouse

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

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 and protected from prolonged exposure to light. **Do not freeze.**



C57BL/6 splenocytes stained with B220 (RA3-6B2) PE and 551 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 10⁶ cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Blasius AL, *et al.* 2006. *J. Immunol.* 177:3260.

Description: The Siglec-H is a member of CD33-related Siglec family which mostly expressed in the innate immune system. Siglec-H is reported to be specifically expressed on plasmacytoid dendritic cells. Siglec-H depends on adaptor protein DAP 12 (DNAX-activating protein of 12 kD) for surface expression and signal transduction. Cross-linking with this antibody can selectively inhibit interferon-alpha production by IPCs following TLR9 ligation.

Antigen References: 1. Blasius AL, *et al.* 2006. *Blood* 107:2474.
2. Zhang J, *et al.* 2006. *Blood* 107:3600.
3. Blasius AL, *et al.* 2007. *J. Exp. Med.* 204:2561.

Related Products:

Product
FITC Rat IgG1, κ Isotype Ctrl

Cell Staining Buffer

RBC Lysis Buffer (10X)

TruStain fcX™ (anti-mouse CD16/32)

Clone

RTK2071

93

Application

FC, ICFC

FC, ICC, ICFC

FC, ICFC

FC



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