

Purified anti-mouse Siglec H

Catalog # / Size: 129601 / 50 µg
129602 / 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.

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.

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 ≤1.0 µg per million 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
Purified Rat IgG1, κ Isotype Ctrl
Cell Staining Buffer
RBC Lysis Buffer (10X)

Clone
RTK2071

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



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