

FITC anti-mouse CD321

Catalog # / Size: 1392525 / 25 µg
1392530 / 100 µg

Clone: 90G4

Isotype: Rat IgG2a, κ

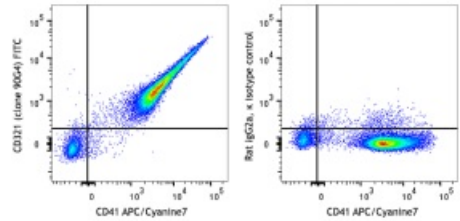
Immunogen: Mouse MS-1 cells

Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography and conjugated with FITC under optimal conditions.

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

Concentration: 0.5



C57BL/6 mouse whole blood was stained with anti-mouse CD45 APC, anti-mouse CD41 APC/Cyanine7, and anti-mouse CD321 (clone 90G4) FITC (left) or rat IgG2a, κ FITC isotype control (right). Dot plots are gated on CD45- cells.

Applications:

Applications: Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤ 0.5 µg per million cells in 100 µL volume. It is recommended that the reagent be titrated for optimal performance for each application.

Description: CD321, also known as Junctional Adhesion Molecule A (JAM-A), JAM-1, or F11 Receptor, is a 32-40 kD type I transmembrane glycoprotein which belongs to the immunoglobulin superfamily. It is expressed broadly on leukocytes, platelets, erythrocytes, and epithelial and endothelial cells. CD321 plays a role in cell adhesion, leukocyte migration, and angiogenesis, through its interactions with integrins, such as LFA-1 and αvβ3 integrins.

Antigen References: 1. Fukuhara T, et al. 2017. *PLoS One*. 12(10)