

Manufacturer/Supplier:

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Product name: Anti-Mouse CD161/NK1.1 Monoclonal
Antibody(AF647 Conjugated)

Catalog: DL20036F

Synonyms: Killer cell lectin-like receptor subfamily B member
1C, Klrblc, CD161 antigen-like family member
C, Ly-55c, CD161/NK1.1, NKR-P1.9, NKR-P1C, NKR
-P1 40, CD161c

Background: NK-1.1 surface antigen, also known as
CD161b/CD161c and Ly-55, is encoded by the
NKR- P1B/NKR-P1C gene. It is expressed on NK
cells and NK-T cells in some mouse strains,
including C57BL/6, FVB/N, and NZB, but not AKR,
BALB/c, CBA/J, C3H, DBA/1, DBA/2, NOD, SJL,
and 129. Expression of NKR-P1C antigen has been
correlated with lysis of tumor cells in vitro and

rejection of bone marrow allografts in vivo. NK-1.1 has also been shown to play a role in NK cell activation, IFN- γ production, and cytotoxic granule release. NK-1.1 and DX5 are commonly used as mouse NK cell markers.

Form: Liquid

Isotype: Mouse IgG2a, κ

Size:

50Tests/100Tests/100Tests \times 2

Host: Mouse

Reactivity: Mouse

Application: FCM

Concentration: 5 μ L

Conjugation: AF647

SwissProt: P27814

Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

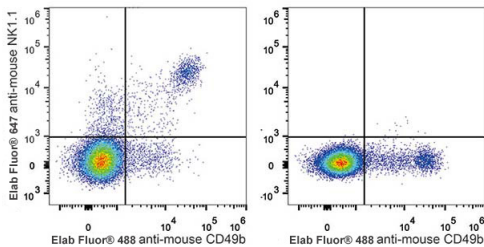
Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined

for individual use.

Data:

C57BL/6 murine splenocytes are stained with Anti-Mouse CD161/NK1.1 Monoclonal Antibody(AF647 Conjugated) and Anti-Mouse CD49b Monoclonal Antibody(AF488 Conjugated)(left). Splenocytes stained with Anti-Mouse CD49b Monoclonal Antibody(AF488 Conjugated)(right) are used as control.



Storage:

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.