

Manufacturer/Supplier:

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Product name: Anti-Mouse CD161/NK1.1 Monoclonal
Antibody(PE/Cyanine7 Conjugated)

Catalog: DL20042F

Synonyms: Killer cell lectin-like receptor subfamily B member
1C, Klrb1c, 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- PIB/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: 25 μ g/100 μ g

Host: Mouse

Reactivity: Mouse

Application: FCM

Concentration: 0.2 mg/mL

Conjugation: PE/Cyanine7

SwissProt: P27814

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

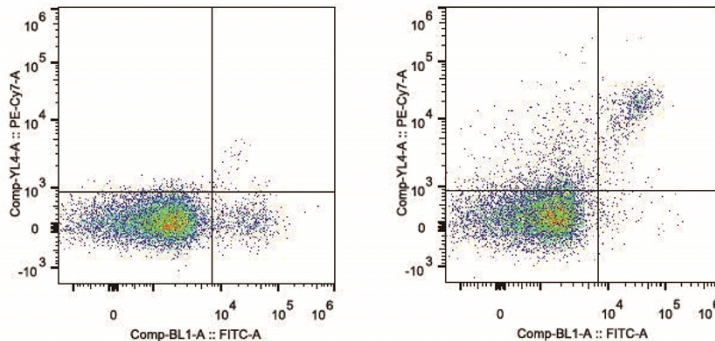
Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1

$\mu\text{g}/10^6\text{cells}$ in 100 μL volume].

Data:

C57BL/6 murine splenocytes are stained with Anti-Mouse CD161/NK1.1 Monoclonal Antibody(PE/Cyanine7 Conjugated)[Used at 0.05 $\mu\text{g}/10^6\text{cells}$ dilution]and Anti-Mouse CD49b Monoclonal Antibody(FITC Conjugated)(right). Splenocytes stained with Anti-Mouse CD49b Monoclonal Antibody(FITC Conjugated).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.