

PerCP/Cy5.5 Anti-Mouse NK1.1 (CD161) Monoclonal Antibody



天津三箭生物技术股份有限公司
Tianjin Sungene Biotech Co., Ltd.
精准 高效 稳定 Precision Efficient Stable

Catalog Number	Vial Size
M100N2-33A	25 µg
M100N2-33C	100 µg

Market | 400-621-0003
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Important Note: Centrifuge before opening to ensure complete recovery of vial contents.
This product is guaranteed up to one year from purchase.

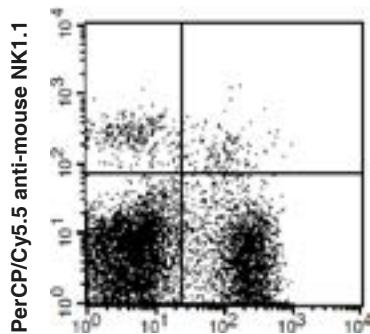
Purified Antibody Characterization

Clone	Isotype	Reactivity
PK136	Mouse IgG2a	Mouse

Description

NK-1.1 surface antigen is encoded by the NKR-P1B/NKR-P1C gene, also known as CD161b/CD161c and Ly-55. 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.

Illustration of Immunofluorescent Staining

FITC anti-mouse CD3 ϵ

C57BL/6 mouse splenocytes stained with
FITC anti-mouse CD3 ϵ and
PerCP/Cy5.5 anti-mouse NK1.1

Product Information

Conjugation: PerCP/Cy5.5

Formulation: PBS pH 7.2, 0.09% NaN₃,
0.2% BSA

Concentration: 0.2 mg/ml

Storage: Keep as concentrated solution.
Store at 4°C and protected from prolonged
exposure to light. **Do not freeze.**

Application: Recommended Application: FC

Usage: Each lot of this antibody is quality
control tested by immunofluorescent staining
with flow cytometric analysis (The amount of
the reagent is suggested to be used ≤ 1.0
 $\mu\text{g}/10^6$ cells in 100 μl). Since applications
vary, the appropriate dilutions must be
determined for individual use.

References

- [1] Carlyle, J.R., et al. 1999. J. Immunol. 162:5917.
- [2] Sentman, C.L., et al. 1989. Hybridoma 8:605.
- [3] Koo, G.C., et al. 1984. Hybridoma 3:301.
- [4] Sentman, C.L., et al. 1989. J. Immunol. 142:1847.
- [5] Koo, G.C., et al. 1986. J. Immunol. 137:3742.
- [6] Karlhofer, F.M., et al. 1991. J. Immunol. 146:3662.

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