

anti-rat CD161 NK-Cells (NKR-P1) no azide

Monoclonal Antibody 10-78 to CD161 (Rat)

Cat-No: **23151610**

100 µg in 100 µl

Clone: 10-78

Specificity: This anti-rat NK cell monoclonal antibody recognizes a 60 kDa disulfide linked homodimer known as NKR-P1. This type II transmembrane glycoprotein is found on rat NK cells and large granular lymphocytes. This antibody is suitable for flow cytometry. It is also reported to work with frozen sections.

Isotype subclass: Mouse IgG1

Form: purified

Physical state: Liquid

Buffer/Additives/Preservative: sterile PBS (pH 7.2).

Expiration date: The reagent is stable until the expiry date stated on the vial label.

Storage conditions: For long term storage, aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

Application: Flow Cytometry, functional applications

References: 1. Chambers, William H. et al. (1989), Monoclonal antibody to a triggering structure expressed on rat natural killer cells and adherent lymphokine-activated killer cells, *J Exp. Med.* 169, 1373-1389
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4. Josien, R. et al. (1997), Rat spleen dendritic cells express natural killer cell receptor protein 1 (NKR-P1) and have cytotoxic activity to select targets via Ca^{2+} -dependent mechanism, *J Exp. Med.* 186, 467-472
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7. Giorda, R. et al. (1990) NKR-P1, a signal transduction molecule on natural killer cells, *Science*, 249, 1298-1300
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9. Chambers, W.H. et al. (1992) Functional heterogeneity between NKR-P1^{bright}/*Lycopersicon esculentum lectin* (L.E.)^{bright} and NKR-P1^{bright}/L.E.^{dim} subpopulations of rat natural killer cells, *J.Immunol.*, 148, 3658-3665 (no.11)

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