

**anti-mouse NK-cells purified****Cat-No.: M22165            0.1mg****Clone:** PK136**Specificity:**

The anti-mouse NK cells monoclonal antibody is specific for recognizing mouse NK cells in selected strains of mice (i.e.C57BL, FVB/N, NZB but not A, AKR, BALB/c, CBA/J, C3H, C57BR, C58, DBA/1, DBA/2, SJL and 129). Clone PK136 is specific for mouse NK1.1, also known as NKR-PIC and Ly 55. Mouse NK1.1 is expressed on NK cells and NKT cells on the following strains: C57BL, FVB/N and NZB. There are published reports that PK136 mAb binds to NKR-PIB on SJL/K NK cells.

**Isotype subclass:** Mouse IgG2a**Form:** Purified**Physical state:** Liquid**Buffer/Additives/Preservative:**

PBS containing 0.09 % sodium azide (pH 7.4).

**Expiration date:**

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

**Storage conditions:**

Store at 4 °C. For long term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.

**Application:** Flow Cytometry**References:**

1. Koo, G.C. and Peppard, J.R. 1981. Establishment of monoclonal anti-NK-1.1 antibody, Hybridoma 3:301-303.
2. Koo, G.C., Dumont, F., Hackett, J.Jr., Tutt, M. and Kumar, V. 1986. The NK-1/1(-) mouse: A model to study differentiation of murine NK cells. J. Immunol. 137:3742-3737.
3. Kung, S.K.P. and Miller, R.G. 1985. The NK1.1 antigen in NK-mediated F1 antiparent killing in vitro. J. Immunol. 154:1624.
4. Kung, S.K.P., Ruey-Chyi, S., Shannon, J. and R. Miller. 1999. The NKR-P1B Gene product is an inhibitory receptor on SJL/J NK cells. J. Immunol. 162 (10) 5876.

**Warning:**

Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

This material is offered for **research only**. Not for use in human. For in vitro use only.

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