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36-3703: Anti-NK1.1 / CD161c / Klrb1c, Mouse Monoclonal Antibody(Clone: PK136)

Clonality :	Monoclonal
Clone Name :	PK136
Application :	Functional Assay,FACS,IF
Reactivity :	Mouse
Gene :	Klrb1c (Mouse)
Gene ID :	17059
Uniprot ID :	P27814
Alternative Name :	CD161 antigen-like family member C; CD161c; Killer cell lectin-like receptor subfamily B member 1C (Klrb1c); Klrb1f; Lymphocyte antigen 55c (Ly55c); Lymphocyte antigen 59; Natural killer cell surface protein P1-40; NK1.1; NKR-P1 40; NKR-P1.9; NKR-P1C; NKRP1
Isotype :	Mouse IgG2a, kappa
Immunogen Information :	CD Mouse spleen and bone marrow cells enriched for NK-1+ cells

Description

NK1.1 is a type II integral membrane glycoprotein with a C-type lectin domain and is encoded by theKlrb1c/NKR-P1Cgene.It is predominantly expressed as a disulfide-linked homodimer on NK cells however; it is also expressed on NK-T cells, a rare population of T lymphocytes.NK1.1 is expressed 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 cellsin vitroand rejection of bone marrow allograftsin vivo. NK-1.1 has also been shown to play a role in NK cell activation, IFN- production, and cytotoxic granule release. NK-1.1 is commonly used as a Mouse NK cell marker.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

Functional Studies (Order Antibody without BSA & Azide); Flow Cytometry (0.5-1ug/million cells in 0.1ml); Immunofluorescence (1-2ug/ml);

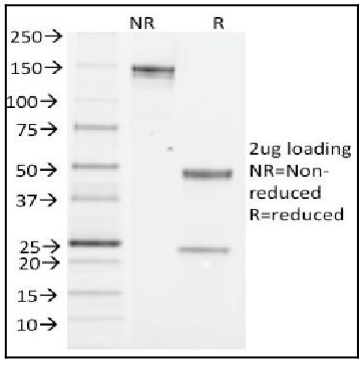


Fig. 1: SDS-PAGE Analysis Purified NK1.1 Mouse Monoclonal Antibody (PK136). Confirmation of Integrity and Purity of Antibody.

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