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Datasheet

Klrb1c monoclonal antibody, clone PK136 (FITC)

Catalog Number: MAB5775

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against native Klrb1c.

Clone Name: PK136

Immunogen: Native purified Klrb1c from CE mouse spleen and bone marrow cells enriched for NK-1+ cells.

Host: Mouse

Reactivity: Mouse

Applications: Flow Cyt, IP
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Specificity: Mouse NK1.1 alloantigen, Mr 80-85 KDa (39 KDa under reducing conditions).

Form: Liquid

Conjugation: FITC

Isotype: IgG2a, kappa

Recommend Usage: Flow Cytometry (1 ug/10^6 cells)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.09% sodium azide)

Storage Instruction: Store in the dark at 4°C. Do not freeze.
Avoid prolonged exposure to light.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 17059

Gene Symbol: Klrb1c

Gene Alias: AI462337, CD161, Ly-59, Ly55c, Ly59, NK-RP1, NK1.1, NKRP1, NKRP140, Nk-1, Nk-1.2, Nk1, Nk1.2, Nkrp1c

References:

1. MHC class I molecules on adenovirus E1A-expressing tumor cells inhibit NK cell killing but not NK cell-mediated tumor rejection. Routes JM, Ryan JC, Ryan S, Nakamura M. Int Immunol. 2001 Oct;13(10):1301-7.
2. Cytometric and functional analyses of NK and NKT cell deficiencies in NOD mice. Poulton LD, Smyth MJ, Hawke CG, Silveira P, Shepherd D, Naidenko OV, Godfrey DI, Baxter AG. Int Immunol. 2001 Jul;13(7):887-96.
3. Natural killer cell proliferation induced by anti-NK1.1 and IL-2. Reichlin A, Yokoyama WM. Immunol Cell Biol. 1998 Apr;76(2):143-52.