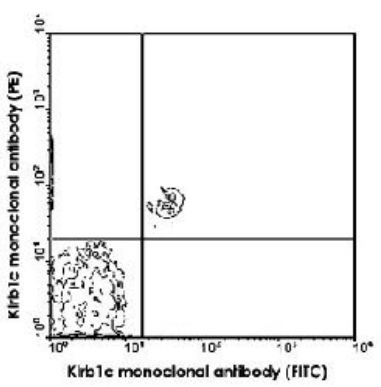
Klrb1c monoclonal antibody, clone PK136 (PE/Cy7)

Catalog # MAB5779 Size 100 ug

Applications



Flow Cytometry

Splenocytes from a C57BL/6 mouse were double stained with Klrb1c monoclonal antibody, clone PK136 (PE) (Cat # MAB5777) and Klrb1c monoclonal antibody, clone PK136 (FITC) (Cat # MAB5775). Small lymphocytes were then gated and analyzed by flow cytometry.

Specification

Product Description	Mouse monoclonal antibody raised against native Klrb1c.
Immunogen	Native purified Klrb1c from CE mouse spleen and bone marrow cells enriched for NK-1+ cells.
Host	Mouse
Reactivity	Mouse
Specificity	Mouse NK1.1 alloantigen, Mr 80-85 KDa (39 KDa under reducing conditions).
Form	Liquid
Conjugation	PE/Cy7
Isotype	IgG2a, kappa
Recommend Usage	Flow Cytometry (0.3 ug/10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Storage Instruction	Store in the dark at 4°C. Do not freeze. Avoid prolonged exposure to light. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Flow Cytometry

  Splenocytes from a C57BL/6 mouse were double stained with Klrb1c monoclonal antibody, clone PK136 (PE) (Cat # MAB5777) and Klrb1c monoclonal antibody, clone PK136 (FITC) (Cat # MAB5775). Small lymphocytes were then gated and analyzed by flow cytometry.

- Immunoprecipitation

Gene Info — Klrb1c

Entrez GeneID	17059
Gene Name	Klrb1c
Gene Alias	AI462337, CD161, Ly-59, Ly55c, Ly59, NK-RP1, NK1.1, NKRP1, NKRP140, Nk-1, Nk-1.2, Nk1, Nk1.2, Nkrp1c
Gene Description	killer cell lectin-like receptor subfamily B member 1C
Gene Ontology	Hyperlink
Gene Summary	locus C|lymphocyte antigen 59|natural killer cell receptor protein NKR-P1C|natural killer cell recept or-P1|natural killer cell-associated antigen 1
Other Designations	killer cell lectin-like receptor subfamily A member 1C|lymphocyte antigen 55 complex, locus C|lym phocyte antigen 59|natural killer cell receptor protein NKR-P1C|natural killer cell receptor-P1|natur al killer cell-associated antigen 1

Publication Reference

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- 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.

  International Immunology 2001 Oct; 13(10):1301.

  Application: Flow Cyt, Func, Mouse, Mouse nature killer cells

- Cytometric and functional analyses of NK and NKT cell deficiencies in NOD mice.

  L D Poulton, M J Smyth, C G Hawke, P Silveira, D Shepherd, O V Naidenko, D I Godfrey, A G Baxter.

  International Immunology 2005 Nov; 13(11):891.

  Application: Flow Cyt, Mouse, Mouse natural killer cells

- Natural killer cell proliferation induced by anti-NK1.1 and IL-2.

  Reichlin A, Yokoyama WM.

  Immunology and Cell Biology 1998 Apr; 76(2):143.

  Application: Flow Cyt, Mouse, Mouse natural killer cells

Copyright © 2023 Abnova Corporation. All Rights Reserved.