

PE Anti-Mouse NK1.1 (CD161) (PK136)

Catalog Number: **PE-65138**

Basic Information

Catalog Number:

PE-65138

Size:

100ug, 200 μ g/ml

Source:

Mouse

Isotype:

IgG2a, kappa

GenBank Accession Number:

BC120707

GeneID (NCBI):

17057

UNIPROT ID:

P27811

Full Name:

killer cell lectin-like receptor
subfamily B member 1A

Purification Method:

Affinity purification

CloneNo.:

PK136

Excitation/Emission maxima
wavelengths:

496 nm, 565 nm / 578 nm

Applications

Tested Applications:

FC

Species Specificity:

Mouse

Background Information

NK1.1 (CD161), also known as KLRB1 or NKR-P1A, is a type II transmembrane C-type lectin-like receptor and is expressed on the cell membrane as disulfide-linked homodimer (PMID: 8077657). It is expressed by the majority of NK cells and subsets of peripheral T cells, including both CD4+ and CD8+ T cells, and is expressed preferentially on adult T cells with a "memory" antigenic phenotype (PMID: 8077657; 22566826). Expression of CD161 correlates with the cytotoxic function of CD16+ NK cells, and ligation of CD161 with its ligand LLT1 inhibits NK cell cytotoxicity and cytokine secretion (PMID: 29686665).

Storage

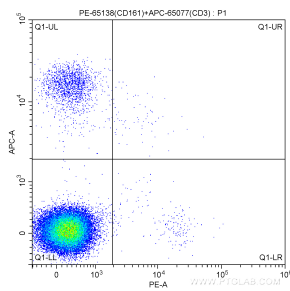
Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

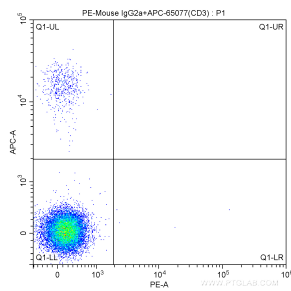
Storage Buffer:

Phosphate based buffer with 0.09% sodium azide and 0.1% gelatin, pH 7.2.

Selected Validation Data



1X10⁶ C57BL/6 mouse splenocytes were surface stained with APC-Anti-Mouse CD3 (APC-65077, Clone:17A2) and 1.00 ug PE-Anti-Mouse NK1.1 (CD161) (PE-65138, Clone:PK136). Cells were not fixed.



1X10⁶ C57BL/6 mouse splenocytes were surface stained with APC-Anti-Mouse CD3 (APC-65077, Clone:17A2) and PE-mouse IgG2a isotype control antibody. Cells were not fixed.