

For Research Use Only

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

Catalog Number: 65138-1-Ig



Basic Information

Catalog Number: 65138-1-Ig	GenBank Accession Number: BC120707	Purification Method: Affinity purification
Size: 500ug, 0.5 mg/ml	GeneID (NCBI): 17057	CloneNo.: PK136
Source: Mouse	UNIPROT ID: P27811	
Isotype: IgG2a, kappa	Full Name: killer cell lectin-like receptor subfamily B member 1A	

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. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

For technical support and original validation data for this product please contact:

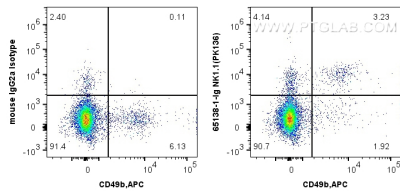
T: 4006900926

E: Proteintech-CN@ptglab.com

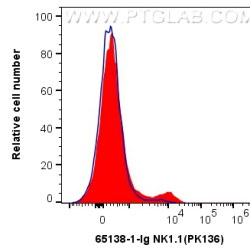
W: ptgcn.com

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Selected Validation Data



1X10⁶ C57BL/6 mouse splenocytes were surface co-stained with APC Anti-Mouse CD49b (DX5) and 0.5 ug Anti-Mouse NK1.1 (CD161) (65138-1-Ig, Clone:PK136) and FITC anti-Mouse IgG2a Antibody at dilution 1:100, or 0.5 ug Mouse IgG2a Isotype Control (C1.18.4) and FITC anti-Mouse IgG2a Antibody at dilution 1:100. Cells were not fixed.



1X10⁶ C57BL/6 mouse splenocytes were surface stained with 0.5 ug Anti-Mouse NK1.1 (CD161) (65138-1-Ig, Clone:PK136) and FITC anti-Mouse IgG2a Antibody at dilution 1:100, or 0.5 ug Mouse IgG2a Isotype Control (C1.18.4) and FITC anti-Mouse IgG2a Antibody at dilution 1:100. Cells were not fixed.