

**Biotin Anti-Mouse CD161/NK1.1 Antibody
[PK136]**

Catalogue Code: AGEL0011

Antibody Data

Product SKU:	AGEL0011	Clone:	PK136
Applications:	FCM		
Reactivity:	Mouse		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names:	Killer cell lectin-like receptor subfamily B member 1C;Klrb1c;CD161 antigen-like family member C;Ly-55c;CD161/NK1.1;NKR-P1.9;NKR-P1C;NKR-P1 40;CD161c;
Uniprot ID:	P27814 P27812 Q99JB4
Background:	NK-1.1 surface antigen, also known as CD161b/CD161c and Ly-55, is encoded by the NKR-P1B/NKR-P1C gene. It is expressed on NK cells and NK-T cells 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 cells in vitro and rejection of bone marrow allografts in vivo. NK-1.1 has also been shown to play a role in NK cell activation, IFN- γ production, and cytotoxic granule release. NK-1.1 and DX5 are commonly used as mouse NK cell markers.
Form:	Liquid
Conjugation:	Biotin
Size:	25µg, 100µg
Host Species:	Mouse
Isotype:	Mouse IgG2a, κ
Isotype Control:	Biotin Mouse IgG2a, κ Isotype Control[C1.18.4] [Product AGEL0011]
Storage Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Shipping:	Biological ice pack at 4°C

Stability & Storage: Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

Recommended Usage: Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.