Product Datasheet

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

Catalogue Code: AGEL0010

Antibody Data

Product SKU:	**AGEL0010**	**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: Unconjugated

Size: 25µg, 100µg

Host Species: Mouse

Isotype: Mouse IgG2a, κ

Isotype Control: Purified Mouse IgG2a, κ Isotype Control[C1.18.4] [Product AGEL0010]

Storage Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Shipping: Biological ice pack at 4℃

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 ≤ 1.0 µg per 106 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.