



## Product Datasheet

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

Catalogue Code: AGEL0479

### Antibody Data

<b>Product SKU:</b>	<b>AGEL0479</b>	<b>Clone:</b>	<b>PK136</b>
<b>Applications:</b>	<b>FCM;Activ;Block; Depletion</b>		
<b>Reactivity:</b>	<b>Mouse</b>		

### Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

### Product Information:

<b>Alternate Names:</b>	Killer cell lectin-like receptor subfamily B member 1C;Klrk1c;CD161 antigen-like family member C;Ly-55c;CD161/NK1.1;NKR-P1.9;NKR-P1C;NKR-P1 40;CD161c;
<b>Uniprot ID:</b>	P27814 P27812 Q99JB4
<b>Background:</b>	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- $\gamma$ production, and cytotoxic granule release. NK-1.1 and DX5 are commonly used as mouse NK cell markers.
<b>Form:</b>	Liquid
<b>Conjugation:</b>	None (AF/LE)
<b>Size:</b>	50 $\mu$ g, 500 $\mu$ g, 1mg
<b>Host Species:</b>	Mouse
<b>Isotype:</b>	Mouse IgG2a, $\kappa$
<b>Isotype Control:</b>	AF/LE Purified Mouse IgG2a, $\kappa$ Isotype Control[C1.18.4] [Product AGEL0479]
<b>Storage Buffer:</b>	0.2 $\mu$ m filtered in PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or stabilizers. Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay.
<b>Shipping:</b>	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  $\mu\text{L}$  volume or 100  $\mu\text{L}$  of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

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