

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL0490</b>	<b>Clone:</b>	<b>PK136</b>
<b>Applications:</b>	<b>FCM</b>		
<b>Reactivity:</b>	<b>Mouse</b>		

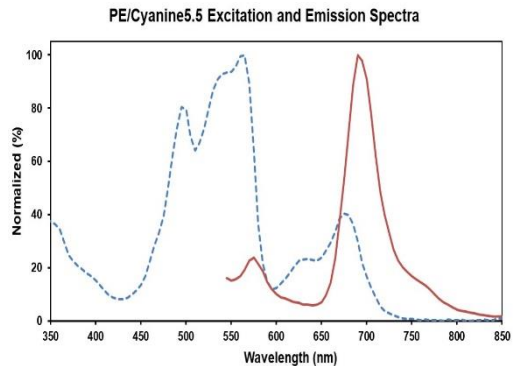
**Important Note:**

Centrifuge before opening to ensure complete recovery of vial contents.

**Product Information:**

**Alternate Names:** Killer cell lectin-like receptor subfamily B member 1C;Klr1c1;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- $\gamma$  production, and cytotoxic granule release. NK-1.1 and DX5 are commonly used as mouse NK cell markers.

**Form:** Liquid  
**Conjugation:** PE/Cyanine 5.5  
**Size:** 25 $\mu$ g, 100 $\mu$ g  
**Host Species:** Mouse  
**Isotype:** Mouse IgG2a,  $\kappa$



Ex:495;565;675 nm; Em:690 nm

**Isotype Control:** PE/Cyanine5.5 Mouse IgG2a,  $\kappa$  Isotype Control[C1.18.4] [Product AGEL0490]  
**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. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/10<sup>6</sup> cells in 100 µL volume].