

***InVivoPro* Anti-Mouse NK1.1(CD161) Antibody *in vivo* antibody, Clone PK136**

Cat #: IV0111

Size: 1mg, 5mg, 25mg, 50mg, 100mg

Product Information

Isotype:	Mouse IgG2a κ
Reactivity:	Mouse
Formulation:	PBS, pH 7.2, contains no stabilizers or preservatives
Concentration:	Lot specific, generally ≥ 5.0 mg/ml
Applications:	<i>In vivo</i> NK cell depletion, Flow cytometry
Recommended Isotype Control:	Mouse IgG2a Isotype Control
Endotoxin:	≤ 1.0 EU/mg, by the LAL method
Purity:	99%
Sterility:	0.2 μ M filtered
Purification:	Protein A or G
Recommended Dose Range:	200-500 μ g per mouse; or 10-20 mg/kg. This range is based off the most recent publication data using the PK136 clone <i>in vivo</i> . Each investigator should determine their own optimal working dilution for specific applications.
Storage:	This antibody is stable for at least 2 months when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at -20°C or -80°C. Avoid repeated freeze thaw cycles.

Background

NK-1.1 surface antigen, also known as CD161b/CD161c, is encoded by the NKR-P1B/NKR-P1C gene. It is expressed on NK cells and NK-T cells in some mouse strains. 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.

Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.