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InnoCyto Inc.

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Anti-Mouse NK-1.1 Antibody

Catalog Number:	203801, 203802
Size:	100 μg, 500 μg
Target Name:	NK-1.1, CD161, NKR-P1C, NKR-P1B, Ly-55
Regulatory Status:	RUO

PRODUCT DETAILS

Clone:	PK136
Application:	Flow Cytometry
Reactivity:	Mouse
Format:	Purified
Isotype:	Mouse IgG2a
Antibody Type:	Monoclonal
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide
Protein Concentration:	0.5 mg/mL
Storage&Handling:	The antibody solution should be stored between 2°C and 8°C
Isotype Control:	301501

BACKGROUND INFORMATION

NK-1.1, also known as CD161b/CD161c or Ly-55, is a type II transmembrane C-type lectin receptor encoded by the Klrb1 (NKR-P1) gene family in mice. It is predominantly expressed on natural killer (NK) cells and a subset of invariant NKT cells in selected mouse strains, including C57BL/6, FVB/N, and NZB. The activating isoform NKR-P1C lacks an inhibitory motif and promotes NK cell cytotoxicity, IFN-γ production, and tumor cell lysis. NK-1.1 expression correlates with effective immune surveillance and graft rejection, making it a widely used marker for identifying and studying murine NK and NKT cell populations.