

Datasheet for ABIN376643

## anti-NK-1.1/CD161c antibody (PE-Cy7)



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### 1 Image

#### Overview

Quantity:	0.1 mg
Target:	NK-1.1/CD161c
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NK-1.1/CD161c antibody is conjugated to PE-Cy7
Application:	Flow Cytometry (FACS)

#### Product Details

Immunogen:	CE mouse spleen enriched for NK-1+ cells and bone marrow cells
Clone:	PK136
Isotype:	IgG2a
Specificity:	Mouse NK1.1, Mr 39 kDa
Characteristics:	Mouse Anti-Mouse NK1.1-PE/CY7
Purification:	Purified

#### Target Details

Target:	NK-1.1/CD161c
Alternative Name:	NK1.1 ( <a href="#">NK-1.1/CD161c Products</a> )
Background:	NK1.1, a member of the NKR-P1 family of cell surface receptors, is a type II integral membrane

## Target Details

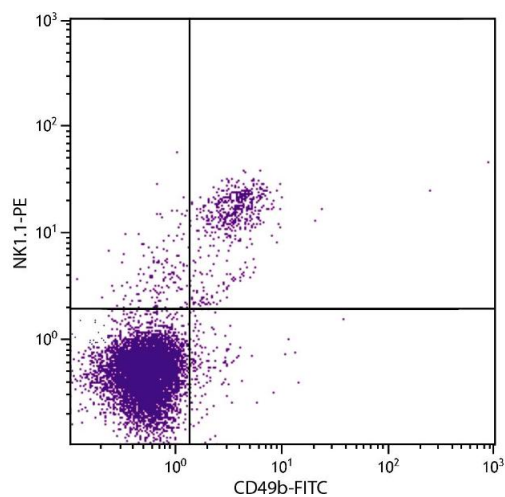
glycoprotein with a C-type lectin domain. It is expressed as a disulfide-linked homodimer on all NK cells, as well as subsets of thymocytes and peripheral T lymphocytes in selected strains of mice (e.g., C57BL, NZB). NK1.1 mediates cellular activation and differentiation, and is thought to have a particular role in generating Th2 cells. This product does not react with NK cells of BALB/c mice.

## Application Details

Application Notes:	<ul style="list-style-type: none"><li>• <b>Applications:</b> FC - Quality tested , IHC - Reported in literature , IP - Reported in literature , Depletion - Reported in literature , CMCD - Reported in literature , Block - Reported in literature , Activ - Reported in literature</li><li>• <b>Working Dilutions:</b> Flow Cytometry FITC, BIOT, PACBLU, AF488, and AF700 conjugates 1 g/106 cells PE and APC conjugates 0.5 g/106 cells PE/CY7 and AF647 conjugates 0.3 g/106 cells For flow cytometry, the suggested use of these reagents is in a final volume of 100 L</li></ul>
Comment:	Induction of proliferation of a subset of NK cells, In vivo depletion of NK1.1 cells, In vitro redirected lysis, In vitro cytotoxicity assays
Sample Volume:	1 mL
Restrictions:	For Research Use only

## Handling

Concentration:	0.5 mg/mL
Buffer:	0.1 mg in 0.2 mL of PBS/Sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	<b>Protect conjugated products from light.</b> Each reagent is stable for the period shown on the bottle label if stored as directed.
Storage:	4 °C
Storage Comment:	Store at 2-8°C



### Flow Cytometry

**Image 1.** C57BL/6 mouse splenocytes were stained with Mouse Anti-Mouse NK1.1-PE.