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Datasheet for ABIN135343

anti-NK-1.1/CD161c antibody (PE)

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
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
Purification:	The antibody is affinity-purified from rabbit antiserum by affinity chromatography using epitope-specific immunogen.

Target Details

Target:	NK-1.1/CD161c
Alternative Name:	NK1.1 (NK-1.1/CD161c Products)

Target Details

Background: NK1.1, a member of the NKR-P1 family of cell surface receptors, is a type II integral membrane 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:

- **Applications:** 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
- **Working Dilutions:** 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

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: 0.1 mg/mL

Buffer: 0.1 mg in 1.0 mL of PBS/Sodium azide and a stabilizing agent

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:

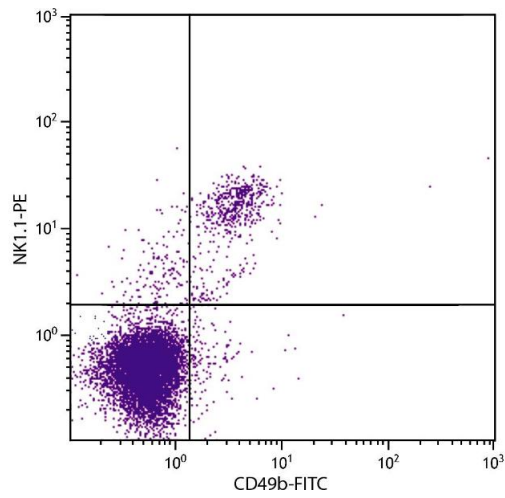
Do not freeze!

Protect conjugated products from light.

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.