



Datasheet for ABIN376500
anti-CD94 antibody (PE)



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1 Image

Overview

Quantity:	0.1 mg
Target:	CD94 (KLRD1)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This CD94 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	CHO cells transfected with the B6 allele of CD94
Clone:	18d3
Isotype:	IgG2a
Specificity:	Mouse CD94
Characteristics:	Rat Anti-Mouse CD94-PE
Purification:	Purified

Target Details

Target:	CD94 (KLRD1)
Alternative Name:	CD94 (KLRD1 Products)
Background:	CD94 is expressed on the surface of NK cells, NK T cells and some memory phenotype CD8 +

Target Details

cells. When CD94 is paired with NKG2A, C, or E subunit, it binds the nonclassical MHC class Ib molecule Qa-1 b and results in a CD94 high population by flow cytometry. Approximately half of NK cells do not express NKG2A, C or E, these cells express CD94 on the surface in a form that does not bind Qa-1 b and is believed to be nonfunctional, producing a CD94 low population by flow cytometry. CD94 is thought to play a role in the adhesion and activation of the NK cell lineage.

Application Details

Application Notes:

- **Applications:** FC - Quality tested
- **Working Dilutions:** Flow Cytometry Purified (UNLB) antibody 1 g/10⁶ cells FITC and BIOT conjugate 1 g/10⁶ cells PE conjugate 0.2 g/10⁶ cells For flow cytometry, the suggested use of these reagents is in a final volume of 100 L

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

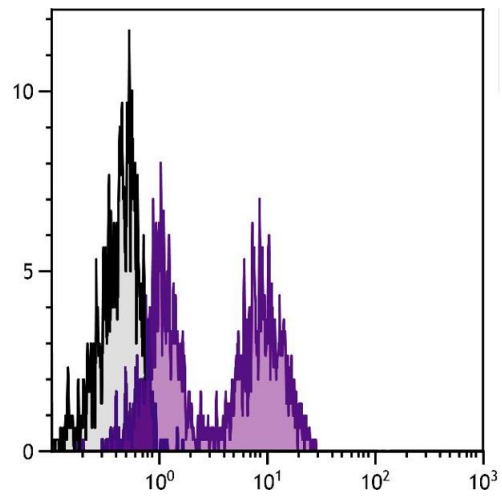


Image 1. NK1.1 positive / CD3 negative C57BL/6 mouse splenocytes were stained with Rat Anti-Mouse CD94-FITC.