Datasheet for ABIN2663656

anti-CD94 antibody (PE)

2 Images

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Overview

Quantity:	50 µg
Target:	CD94 (KLRD1)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This CD94 antibody is conjugated to PE
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Clone:	18d3
Isotype:	IgG2a kappa
Purification:	The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

Target Details

Target:	CD94 (KLRD1)
Alternative Name:	CD94 (KLRD1 Products)
Background:	CD94 is a 43/39 kD C-type lectin, also known as Kp43. It is present on all NK cells, NK-T cells, and a subset of CD8-positive T lymphocytes in most mouse strains. CD94 is a type-II transmembrane protein with an extracellular lectin-like domain and a short cytoplasmic tail. CD94 is expressed as a disulphide-linked heterodimer with a NKG2 subunit believed to mediate

Target Details

	signal transduction. When associated with NKG2A, the complex triggers inhibition, when associated with NKG2C, the complex triggers stimulation. The receptor complex of CD94 and NKG2 receptors bind to the ligand, Qa-1, and are thought to play a role in maintaining self-tolerance in developing NK cells.

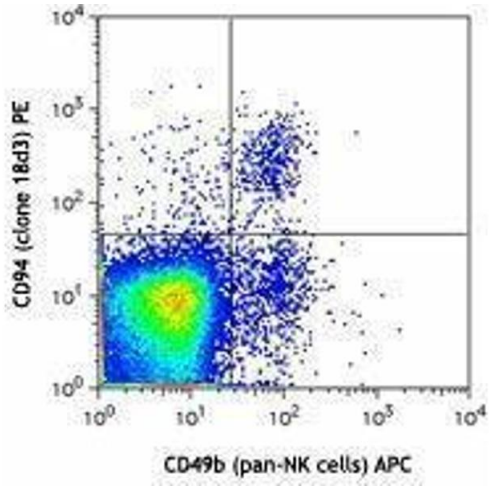
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

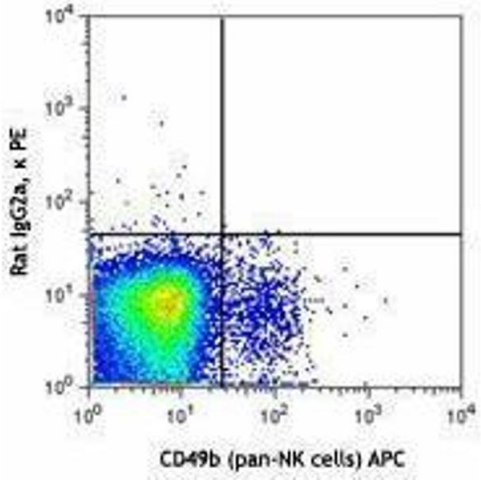
Concentration:	0.2 mg/mL
Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Protect from prolonged exposure to light. Do not freeze.
Storage:	4 °C
Storage Comment:	The antibody solution should be stored undiluted between 2°C and 8°C.

Images



Flow Cytometry

Image 1.



Flow Cytometry

Image 2.