ARG22080
anti-CD94 / KLRD1 antibody [18d3] (PE)

Package: 50 µg
Store at: 4°C

Summary

Product Description	PE-conjugated Rat Monoclonal antibody [18d3] recognizes CD94 / KLRD1
Tested Reactivity	Ms
Tested Application	FACS
Specificity	Mouse CD94
Host	Rat
Clonality	Monoclonal
Clone	18d3
Isotype	IgG2a, kappa
Target Name	CD94 / KLRD1
Species	Mouse
Immunogen	CHO cells transfected with the B6 allele of CD94
Conjugation	PE
Alternate Names	KP43; CD antigen CD94; CD94; Natural killer cells antigen CD94; Killer cell lectin-like receptor subfamily D member 1; NK cell receptor

Application Instructions

Application table

Application	Dilution
FACS	< 0.2 µg/10^6 cells

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Buffer	PBS, 0.1% Sodium azide and Sucrose.
Preservative	0.1% Sodium azide
Stabilizer	Sucrose
Concentration	0.1 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 16643 Mouse Swiss-port # O54707 Mouse
Gene Symbol	KLRD1
Gene Full Name	killer cell lectin-like receptor, subfamily D, member 1
Background	Natural killer (NK) cells are a distinct lineage of lymphocytes that mediate cytotoxic activity and secrete cytokines upon immune stimulation. Several genes of the C-type lectin superfamily, including members of the NKG2 family, are expressed by NK cells and may be involved in the regulation of NK cell function. KLRD1 (CD94) is an antigen preferentially expressed on NK cells and is classified as a type II membrane protein because it has an external C terminus. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Function	Plays a role as a receptor for the recognition of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells. [UniProt]
Calculated Mw	21 kDa