ARG22067
anti-NKG2A + C + E antibody [20d5]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Rat Monoclonal antibody [20d5] recognizes NKG2A + C + E
Tested Reactivity	Ms
Tested Application	BL, FACS
Specificity	Mouse NKG2-A + C + E
Host	Rat
Clonality	Monoclonal
Clone	20d5
Isotype	IgG2a, kappa
Target Name	NKG2A + C + E
Species	Mouse
Immunogen	CHO cells transfected with B6 allele of NKG2A gene
Conjugation	Un-conjugated
Alternate Names	NK cell receptor A; CD159 antigen-like family member A; NKG2-A/NKG2-B type II integral membrane protein; CD159A; CD antigen CD159a; NKG2; NKG2A; NKG2-A/B-activating NK receptor

Application Instructions

Application table

Application	Dilution
BL	Assay-dependent
FACS	< 1 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	BBS (pH 8.2)
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. 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

Gene Symbol	KLRC1
Gene Full Name	killer cell lectin-like receptor subfamily C, member 1
Background	Natural killer (NK) cells are lymphocytes that can mediate lysis of certain tumor cells and virus-infected cells without previous activation. They can also regulate specific humoral and cell-mediated immunity. The protein encoded by this gene belongs to the killer cell lectin-like receptor family, also called NKG2 family, which is a group of transmembrane proteins preferentially expressed in NK cells. This family of proteins is characterized by the type II membrane orientation and the presence of a C-type lectin domain. This protein forms a complex with another family member, KLRD1/CD94, and has been implicated in the recognition of the MHC class I HLA-E molecules in NK cells. The genes of NKG2 family members form a killer cell lectin-like receptor gene cluster on chromosome 12. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jan 2015]
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	26 kDa