

## 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 <sup>6</sup> 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