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NKG2A Rabbit pAb

Catalog # AP99004

Product Information

Application	IHC-P, IHC-F, IF, E
Predicted	Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse NKG2A
Epitope Specificity	8-100/244
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 C-type lectin domain.
SUBUNIT	Can form disulfide-bonded heterodimer with CD94.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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. Four alternatively spliced transcript variants encoding two distinct isoforms have been observed. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	16641
Other Names	CD159A; NKG2; NKG2A; NKG2B; NKG2A_HUMAN; KLRC1; CD159 antigen-like family member A; NK cell receptor A; NKG2-A/B-activating NK receptor; killer cell lectin like receptor C1; killer cell lectin-like receptor subfamily C, member 1; NKG2-1/B activating NK receptor
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Name	NKG2A Rabbit pAb
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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.