

CD159a/c Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01372
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human KLRC1/2/3. AA range:101-150
Mol wt	26287
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	CD159a/c Antibody
Synonyms	KLRC1; NKG2A; NKG2-A/NKG2-B type II integral membrane protein; CD159 antigen-like family member A; NK cell receptor A; NKG2-A/B-activating NK receptor; CD159a; KLRC2; NKG2C; NKG2-C type II integral me

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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. Killer cell lectin like receptor C1 encoded by KLRC1 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.

Recommended Dilution

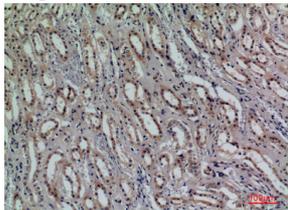
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 300

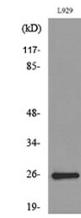
ELISA: 1: 20000

Not yet tested in other applications.

Images



Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:100



Western blot analysis of lysate from L929 cells, using KLRC1/2/3 Antibody.



Western Blot analysis of L929 cells using CD159a/c Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Storage

-20°C for one year

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