



Anti-KLRC3 (aa 132-240) polyclonal antibody (DPAB-DC1794)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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. NK cells preferentially express several calcium-dependent (C-type) lectins, which have been implicated in the regulation of NK cell function. KLRC3 is a member of the NKG2 group which are expressed primarily in natural killer (NK) cells and encodes a family of transmembrane proteins characterized by a type II membrane orientation (extracellular C terminus) and the presence of a C-type lectin domain. The NKG2 gene family is located within the NK complex, a region that contains several C-type lectin genes preferentially expressed on NK cells. Alternative splicing results in multiple transcript variants encoding different isoforms.
Immunogen	KLRC3 (NP_002252, 132 a.a. ~ 240 a.a) partial recombinant protein with GST tag. The sequence is GKERRTWEESLQACASKNSSLSSIDNEEEMKFLASILPSSWIGVFRNSSHHPWVTINGL AFKHEIKDSDHAERNCAMLHVRLGLISDQCGSSRIIRRGFIMLTRLVLNS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	KLRC3 killer cell lectin-like receptor subfamily C, member 3 [Homo sapiens (human)]
Official Symbol	KLRC3
Synonyms	KLRC3; killer cell lectin-like receptor subfamily C, member 3; NKG2E; NKG2-E; NKG2-E type II integral membrane protein; NK cell receptor E; NKG2-E-activating NK receptor;
Entrez Gene ID	3823
Protein Refseq	NP_002252
UniProt ID	Q07444
Chromosome Location	12p13
Pathway	Antigen processing and presentation; Natural killer cell mediated cytotoxicity;
Function	carbohydrate binding; transmembrane signaling receptor activity;