KLRK1 rabbit monoclonal antibody

Catalog # H00022914-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human KLRK1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human KLRK1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human KLRK1 peptide by ELISA and mammalian transfected lysate by W estern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — KLRK1

Entrez GeneID	22914
GeneBank Accession#	KLRK1
Gene Name	KLRK1
Gene Alias	CD314, D12S2489E, FLJ17759, FLJ75772, KLR, NKG2-D, NKG2D
Gene Description	killer cell lectin-like receptor subfamily K, member 1
Gene Ontology	Hyperlink
Gene Summary	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. This gene encodes a member of the NKG2 family, and the encoded transmembrane protein is 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 in NK cells. [provided by RefSeq
Other Designations	NK cell receptor D|NKG2-D type II integral membrane protein

Pathway

- Natural killer cell mediated cytotoxicity

Disease

- Abortion
- Arthritis
- Bile Duct Neoplasms
- Cholangiocarcinoma
- Cholangitis
- Colorectal Neoplasms

- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Hepatitis B
- Lupus Erythematosus
- Lymphocytosis
- Lymphoproliferative Disorders
- Respiratory Tract Neoplasms