

DNAxPAb

Hard-to-Find
Antibody

KLRK1 DNAxPab

Catalog # H00022914-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human KLRK1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MGWIRGRRSRHSWEMSEFHNYNLDLKKSDFSTRWQKQRCPPVVKSKCRENASPFFFCFIAVAM GIRFIIMVAWSAVFLNSLFNQEVQIPLTESYCGPCPKNWICYKNNCYQFFDESKNWYESQASCMS QNASLLKVYSKEDQDLLKLVKSYHWMGLVHIPTNGSWQWEDGSILSPNLLTIEMQKGDICALYAS SFKGYIENCSTPNTYICMQRTV
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — KLRK1

Entrez GeneID [22914](#)

GeneBank Accession# [NM_007360.1](#)

Protein Accession# [NP_031386.1](#)

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 D1NKG2-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](#)