

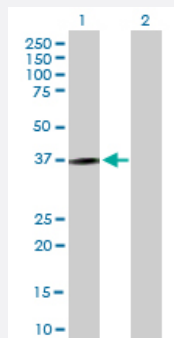
MaxPab®

KLRC1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003821-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of KLRC1 expression in transfected 293T cell line ([H00003821-T02](#)) by KLRC1 MaxPab polyclonal antibody.

Lane 1: KLRC1 transfected lysate(26.30 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human KLRC1 protein.
Immunogen	KLRC1 (NP_002250.1, 1 a.a. ~ 233 a.a) full-length human protein.
Sequence	MDNQGVYSDNLPPNPKRQQRKPKGNKSSILATEQEITYAELNLQKASQDFQGNDKTYHCKDLP SAPEKLIVGILGIICLILMASVTVVIPSTLIQRHNNSSLNTRTQKARHCGHCPEEWITYSNSCYIGKE RRTWEESLLACTSKNSSLLSIDNEEEMKFLSIISPSSWIGVFRNSSHHPWVTMNGLAFFKHEIKDSD NAELNCAVLQVNRLKSAQCGSSIYHCKHKL
Host	Mouse
Reactivity	Human
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.

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[Protocol Download](#)

Gene Info — KLRC1

Entrez GeneID [3821](#)

GeneBank Accession# [NM_002259](#)

Protein Accession# [NP_002250.1](#)

Gene Name KLRC1

Gene Alias CD159A, MGC13374, MGC59791, NKG2, NKG2A

Gene Description killer cell lectin-like receptor subfamily C, member 1

Omim ID [161555](#)

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. 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]

Other Designations C-lectin type II protein|NK cell receptor A|NKG2-1/B activating NK receptor|NKG2-A/B type II integral membrane protein|natural killer cell lectin|natural killer group protein 2

Pathway

- [Antigen processing and presentation](#)
- [Graft-versus-host disease](#)
- [Natural killer cell mediated cytotoxicity](#)

Disease

- [Abortion](#)
- [Arthritis](#)
- [Behcet Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [Lupus Erythematosus](#)
- [Tobacco Use Disorder](#)