

Datasheet for ABIN7468530
anti-KLRC2 antibody (N-Term)



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Overview

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|----------------------|--------------------------------------|
| Quantity: | 100 µL |
| Target: | KLRC2 |
| Binding Specificity: | N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This KLRC2 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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|-------------------|--|
| Immunogen: | Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human NKG2C. The exact sequence is proprietary. |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | Purified by antigen-affinity chromatography. |

Target Details

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|-------------------|---|
| Target: | KLRC2 |
| Alternative Name: | killer cell lectin like receptor C2 (KLRC2 Products) |
| Background: | Synonyms: killer cell lectin like receptor C2 , CD159c , NKG2-C , NKG2C |

Target Details

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. NK cells preferentially express several calcium-dependent (C-type) lectins, which have been implicated in the regulation of NK cell function. The group, designated KLRC (NKG2) 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 KLRC (NKG2) gene family is located within the NK complex, a region that contains several C-type lectin genes preferentially expressed on NK cells. KLRC2 alternative splice variants have been described but their full-length nature has not been determined. [provided by RefSeq, Jul 2008]

Molecular Weight: 26 kDa

Gene ID: 3822

UniProt: [P26717](#)

Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.
Not tested in other applications.

Comment: Positive Control: K562

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.56 mg/mL

Buffer: 0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.