



Datasheet for ABIN7258144  
**anti-KLRC4 antibody**



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2 Images

Overview

Quantity:	200 µL
Target:	KLRC4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KLRC4 antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human KLRC4 (NP_038459.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	KLRC4
Alternative Name:	KLRC4 ( <a href="#">KLRC4 Products</a> )
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. This gene is a member of the

## Target Details

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NKG2 group of genes that are expressed primarily in natural killer (NK) cells. These family members encode transmembrane proteins that are characterized by a type II membrane orientation (have an extracellular C-terminus) and the presence of a C-type lectin domain. This family member is located within the NK complex, a region that contains several C-type lectin genes preferentially expressed in NK cells. Read-through transcription exists between this gene and the downstream KLRK1 (killer cell lectin-like receptor subfamily K, member 1) family member.

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Gene ID: 8302

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UniProt: [O43908](#)

## Application Details

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Application Notes: IF 1:50-1:100

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 mg/mL

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Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

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Preservative: Sodium azide

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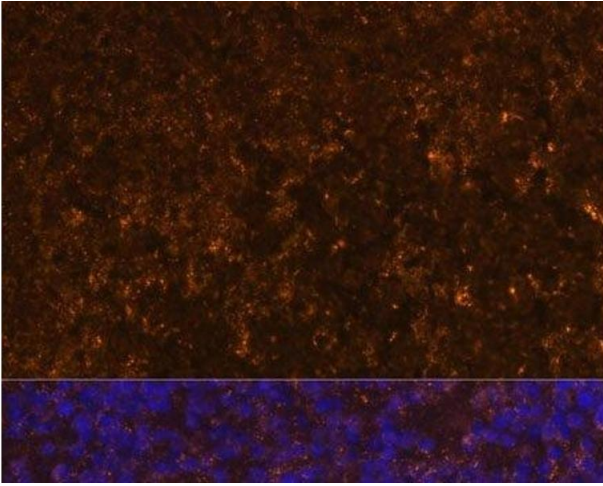
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

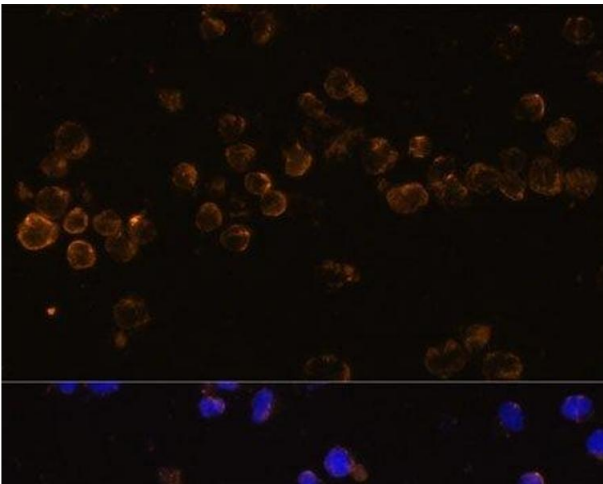
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Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of Mouse spleen using KLRC4 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



#### Immunofluorescence

**Image 2.** Immunofluorescence analysis of Jurkat cells using KLRC4 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.