

## CD159c (NKG2C) (PTF0127) Mouse mAb

CatalogNo: YF0108 **Recombinant** 

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human

#### Applications

- FC,IF

#### Isotype

- Mouse IgG1/Kappa

### Storage

#### Storage\*

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

#### Formulation

PBS, pH 7.4

### Recommended Dilution Ratios

IF 1:200-1:1000

FC:1 µg per million cells in 100 µl volume. For optimal results, the reagent should be titrated according to each specific application

### Basic Information

**Clonality** Monoclonal

**Clone Number** PTF0127

### Immunogen Information

**Immunogen** The specific immunogen used to produce this antibody is proprietary information.

**Specificity** Endogenous

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## | Target Information

**Gene name** KLRC2 NKG2C

**Protein Name** NKG2-C type II integral membrane protein (CD159 antigen-like family member C) (NK cell receptor C) (NKG2-C-activating NK receptor) (CD antigen CD159c)

Organism	Gene ID	UniProt ID
Human	<a href="#">3822</a> ;	<a href="#">P26717</a> ;

**Cellular Localization** Cell membrane ; Single-pass type II membrane protein .

**Tissue specificity** Expressed in NK cell subsets , in particular in adaptive CD57-positive NK cells (at protein level) (PubMed:20952657 , PubMed:21825173) . Expressed in terminally differentiated cytotoxic gamma-delta T cells (at protein level) (PubMed:20952657) . Expressed in alpha-beta T cells subsets (at protein level) (PubMed:20952657) . KLRD1-KLRC1 and KLRD1-KLRC2 are differentially expressed within NK and T cell populations , with only minor subsets expressing both receptor complexes (at protein level) (PubMed:20952657) .

**Function** Function:Plays a role as a receptor for the recognition of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells. ,polymorphism:Two alleles are known. The sequence shown is that of allele NKG2-C\*02. ,similarity:Contains 1 C-type lectin domain. ,subunit:Can form disulfide-bonded heterodimer with CD94. ,tissue specificity:Natural killer cells. ,

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## | Validation Data

## | Contact information

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Please scan the QR code to access additional product information:  
**CD159c (NKG2C) (PTF0127) Mouse mAb**

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