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# PE Anti-Mouse NKG2A/C/E Antibody[20d5]

Catalog Number: AN00409D

Note: Centrifuge before opening to ensure complete recovery of vial contents.

#### Description

Reactivity Mouse Host Rat

**Isotype** Rat IgG2a, κ

Clone No. 20d5

**Isotype Control** PE Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832D]

Conjugation PE

**Conjugation Information** PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green

(561 nm) lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42

nm bandpass filter).

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

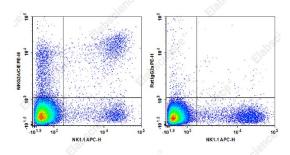
### Applications Recommended usage

FCM Each lot of this antibody is quality control tested by flow cytometric analysis. The amount

of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

# Data



Staining of C57BL/6 murine splenocytes cells with APC Anti-Mouse NK1.1 Antibody and FITC Anti-Mouse NKG2A/C/E Antibody[20d5] (left) or FITC Rat IgG2a,κ Isotype Control (right). Total viable cells were used for analysis.

### **Preparation & Storage**

**Storage** Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping lce bag

### **Antigen Information**

Alternate Names KLRC1;Killer Cell Lectin Like Receptor C1;KLRC2;Killer Cell Lectin Like Receptor C2;

KLRC3;Killer Cell Lectin Like Receptor C3

Uniprot ID P26715

## For Research Use Only

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### **Elabscience Bionovation Inc.**

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The NKG2 molecules are a family of lectin-like receptors that form heterodimers with CD94. NKG2/CD94 heterodimer are primarily expressed on NK cells, and a subset of CD8+ T cells. Studies of CD94/NKG2 heterodimers on NK cells have demonstrated that the NKG2 components transduce signals after ligand binding. NKG2A transduces inhibitory signals, while NKG2C and NKG2E transduce activating signals.