

## PerCP/Cyanine5.5 Anti-Mouse NKG2A/C/E Antibody[20d5]

Catalog Number: AN00409J

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

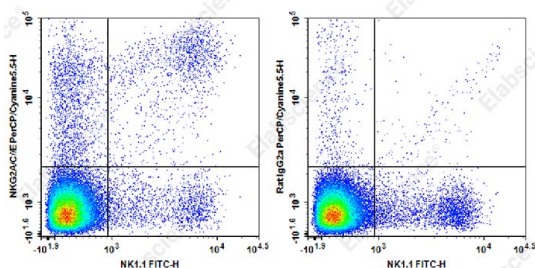
### Description

|                         |  |
|-------------------------|--|
| Reactivity              | Mouse  |
| Host                    | Rat  |
| Isotype                 | Rat IgG2a, $\kappa$  |
| Clone No.               | 20d5   |
| Isotype Control         | PerCP/Cyanine5.5 Rat IgG2a, $\kappa$ Isotype Control[2A3] [Product E-AB-F09832J]   |
| Conjugation             | PerCP/Cyanine 5.5  |
| Conjugation Information | PerCP/Cyanine5.5 is designed to be excited by the blue laser (488 nm) and detected using an optical filter centered near 675 nm (e.g., a 690/50 nm bandpass filter). |
| Storage Buffer          | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant   |

### Applications

| Applications | Recommended usage  |
|--------------|--|
| FCM          | Each lot of this antibody is quality control tested by flow cytometric analysis. <b>The amount of the reagent is suggested to be used 5 <math>\mu</math>L of antibody per test (million cells in 100 <math>\mu</math>L staining volume or per 100 <math>\mu</math>L of whole blood).</b> 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 FITC Anti-Mouse NK1.1 Antibody and PerCP/Cyanine5.5 Anti-Mouse NKG2A/C/E Antibody[20d5] (left) or PerCP/Cyanine5.5 Rat IgG2a, $\kappa$  Isotype Control (right). Total viable cells were used for analysis.

### Preparation & Storage

|          |   |
|----------|---|
| Storage  | Keep as concentrated solution.<br>This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze. |
| Shipping | Ice 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 |
|-----------------|--|

### For Research Use Only

**Uniprot ID**

P26715

**Gene ID**

500338

**Background**

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.

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