

## 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% sodium azide.  |

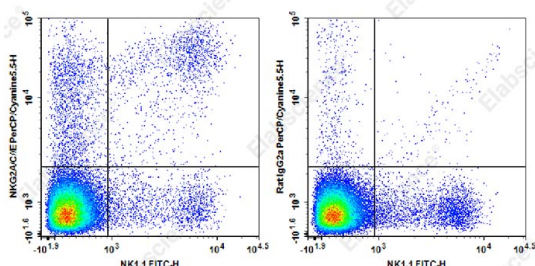
### Applications

### 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 (millie cells in 100  $\mu$ L staining volume or per 129  $\mu$ 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 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 |
| Uniprot ID      | P26715   |

### For Research Use Only

**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.