

## AF/LE Purified Anti-Mouse NKG2A/C/E Antibody[20D5]

Catalog Number: GF004090

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

### Description

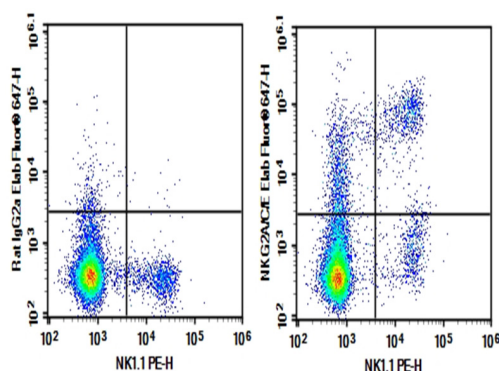
|              |   |
|--------------|---|
| Reactivity   | Mouse   |
| Immunogen    | Recombinant Mouse NKG2A/C/E protein   |
| Host         | Rat   |
| Isotype      | Rat IgG2a, $\kappa$   |
| Clone        | 20D5  |
| Purification | >98%, Protein A/G purified  |
| Conjugation  | None (AF/LE)  |
| Buffer       | Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method. |

### Applications

### Recommended Dilution

|     |   |
|-----|---|
| FCM | 2 $\mu\text{g/mL}$ ( $0.5 \times 10^6$ - $1 \times 10^6$ cells) |
|-----|---|

### Data



C57/BL6 Mouse splenocytes were stained with 0.2  $\mu\text{g}$  AF/LE Purified Anti-Mouse NKG2A/C/E Antibody[20D5] (Right) and 0.2  $\mu\text{g}$  Rat IgG2a,  $\kappa$  Isotype Control (Left), followed by Elab

Fluor® 647-conjugated Goat Anti-Rat IgG Secondary Antibody, then anti-Mouse NK1.1 PE-conjugated Monoclonal Antibody.

### Preparation & Storage

|          |  |
|----------|--|
| Storage  | Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions. |
| Shipping | Ice bag  |

### 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.