

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

Catalog Number: AN00409I

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

Description

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|--------------------------------|--|
| Reactivity | Mouse |
| Host | Rat |
| Isotype | Rat IgG2a, κ |
| Clone No. | 20d5 |
| Isotype Control | PE/Cyanine5.5 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832I] |
| Conjugation | PE/Cyanine 5.5 |
| Conjugation Information | PE/Cyanine5.5 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 690 nm (e.g., a 690/50 nm bandpass filter). |
| Storage Buffer | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. |

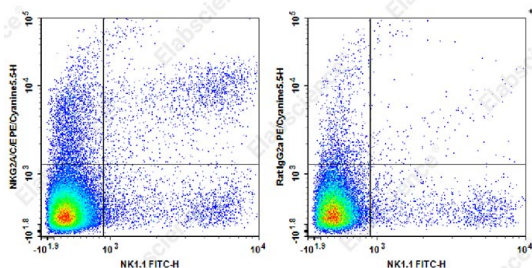
Applications

FCM

Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ 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 PE/Cyanine5.5 Anti-Mouse NKG2A/C/E Antibody[20d5] (left) or PE/Cyanine5.5 Rat IgG2a, κ Isotype Control (right). Total viable cells were used for analysis.

Preparation & Storage

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|-----------------|---|
| Storage | Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze. |
| Shipping | Ice bag |

Antigen Information

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| Alternate Names | KLRC1;Killer Cell Lectin Like Receptor C1;KLRC2;Killer Cell Lectin Like Receptor C2; KLRC3;Killer Cell Lectin Like Receptor C3 |
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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.