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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, κ

Clone No. 20d5

Isotype Control PerCP/Cyanine5.5 Rat IgG2a, κ 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).

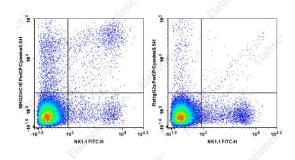
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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 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 PerCP/Cyanine5.5 Anti-Mouse NKG2A/C/E Antibody[20d5] (left) or PerCP/Cyanine5.5 Rat IgG2a, k 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 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

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Gene ID Background 500338

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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.