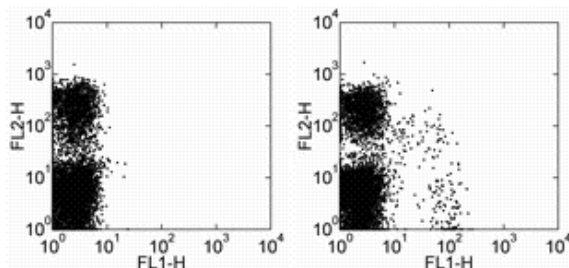


Anti-Mouse NKG2A/C/E FITC

Catalog Number: 11-5896

Also Known As: NKG2A, NKG2C, NKG2E

RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of C57BL/6 splenocytes with Anti-Mouse CD3e PE (cat. 12-0031) and 0.25 μ g of Rat IgG2a K Isotype Control FITC (cat. 11-4321) (left) or 0.25 μ g of Anti-Mouse NKG2A/C/E FITC (right). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse NKG2A/C/E FITC


REF **Catalog Number:** 11-5896

Clone: 20d5

Concentration: 0.5 mg/mL


Host/Isotype: Rat IgG2a, kappa

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

 **Temperature Limitation:** Store at 2-8°C. Do not freeze. Light sensitive material.

 **Batch Code:** Refer to Vial

 **Use By:** Refer to Vial

 **Caution, contains Azide**

Description

The 20d5 monoclonal antibody reacts with the mouse NKG2A, C, and E. NKG2 molecules belong to a C-type lectin-like family of cell surface receptors expressed by mouse NK and NKT cell lineages. NKG2 molecules form heterodimeric complexes with CD94 and are responsible for recognition of non-classical MHC class I antigen Qa-1.

When co-staining with NKG2A^{B6} clone 16a11, it is important to stain for NKG2A-B6 first then subsequently with NKG2A/C/E, as steric hindrance has been observed if co-stained concurrently.

Applications Reported

20d5 has been reported for use in flow cytometric analysis.

Applications Tested

The 20d5 antibody has been tested by flow cytometric analysis of mouse splenocyte suspensions and can be used at less than or equal to 0.125 μ g per test. A test is defined as the amount (μ g) of antibody that will stain a cell sample in a final volume of 100 μ L. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

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Vance RE, Jamieson AM, Raulet DH. Recognition of the class Ib molecule Qa-1(b) by putative activating receptors CD94/NKG2C and CD94/NKG2E on mouse natural killer cells. *J Exp Med.* 1999. 190:1801-12.

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Related Products

11-4321 Rat IgG2a K Isotype Control FITC (eBR2a)

12-0031 Anti-Mouse CD3e PE (145-2C11)

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