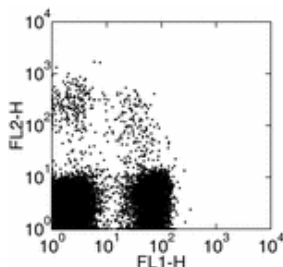


Anti-Mouse NKG2AB6 Purified

Catalog Number: 14-5897

Also Known As: NKG2A B6, NKG2A-B6

RUO: For Research Use Only



Staining of mouse splenocytes with Anti-Mouse NKG2AB6 PE and Anti-Mouse CD3e FITC. Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse NKG2AB6 Purified


REF Catalog Number: 14-5897

Clone: 16a11

Concentration: 0.2 mg/ml


Host/Isotype: Mouse IgG2b, κ

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

 Temperature Limitation: Store at 2-8°C.

LOT Batch Code: Refer to Vial

 Use By: Refer to Vial

 Caution, contains Azide

Description

The 16a11 monoclonal antibody reacts with the mouse NKG2A^{B6}. 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 CD95 and are responsible for recognition of non-classical MHC class I antigen Qa-1. This antibody reacts with the C57Bl/6 mouse strain, but does not react with the BALB/c or 129 mouse strains.

When co-staining with NKG2A/C/E clone 20d5, 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

16a11 has been reported for use in flow cytometric analysis.

Applications Tested

The 16a11 antibody has been tested by flow cytometric analysis of C57Bl/6 and BALB/c mouse splenocyte suspensions and can be used at less than or equal to 1 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 10^5 to 10^8 cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest. For optimal detection of NKG2A^{B6} using 16a11, a fluorochrome conjugated isotype-specific second step is recommended. If using a polyclonal anti-mouse IgG second step, please note that splenic B cells will also stain due to binding of the second step to surface IgG. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

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killer cells. Eur J Immunol. 27:3236-41

Related Products

11-4111 Anti-Armenian Hamster IgG FITC
11-4317 Streptavidin FITC
12-4317 Streptavidin PE
13-4013 Anti-Mouse IgG Biotin (Polyclonal)
14-4732 Mouse IgG2b K Isotype Control Purified
17-4317 Streptavidin APC

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