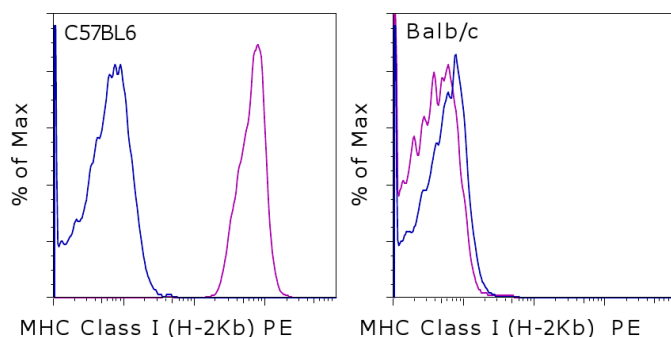


Anti-Mouse MHC Class I (H-2Kb) PE

Catalog Number: 12-5958

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



Staining of C57BL/6 splenocytes (left) or BALB/c (right) with 0.125 ug of Mouse IgG2a kappa Isotype Control PE (cat. 12-4732) (blue histogram) or Anti-Mouse MHC Class I (H-2Kb) PE (purple histogram). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse MHC Class I (H-2Kb) PE



Catalog Number: 12-5958

Clone: AF6-88.5.5.3

Concentration: 0.2 mg/mL

Host/Isotype: Mouse 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

Description

This AF6-88.5.5.3 monoclonal antibody reacts with the H-2Kb MHC class I alloantigen. H-2Kb is involved in antigen presentation to T cells expressing CD3/TCR and CD8. Reactivity to other haplotypes (e.g. d, f, j, k, p, q, r, s, u, and v) has not been observed.

Applications Reported

This AF6-88.5.5.3 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This AF6-88.5.5.3 antibody has been tested by flow cytometric analysis of mouse splenocytes. This can be used at less than or equal to 0.25 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. 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

Wall KA, Lorber MI, Loken MR, McClatchey S, Fitch FW. Inhibition of proliferation of Mls- and Ia-reactive cloned T cells by a monoclonal antibody against a determinant shared by I-A and I-E. J Immunol. 1983 Sep;131(3):1056-64. (AF6-88.5.5.3, FC, Pubmed)

Related Products

12-4724 Mouse IgG2a K Isotype Control PE

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