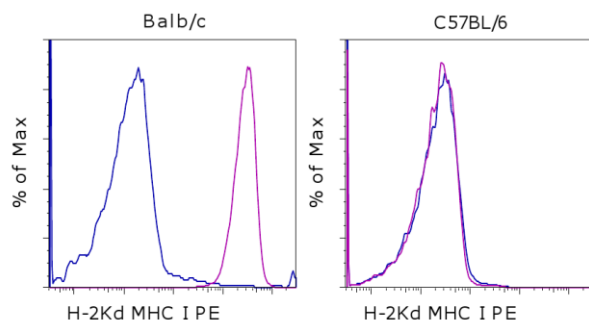


Anti-Mouse MHC Class I (H-2Kd) PE

Catalog Number: 12-5957

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



Staining of BALB/c (left) and C57BL/6 (right) splenocytes with 0.125 ug of Mouse IgG2a K Isotype Control PE (cat. 12-4724) (blue histogram) or 0.125 ug of Anti-Mouse MHC Class I (H-2Kd) PE (purple histogram). Total viable cells were used for analysis.

Product Information

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



Catalog Number: 12-5957

Clone: SF1-1.1.1

Concentration: 0.2 mg/mL

Host/Isotype: Mouse IgG2a



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 SF1-1.1.1 monoclonal antibody reacts with the H-2Kd MHC class I alloantigen. H-2Kd is involved in antigen presentation to T cells expressing CD3/TCR and CD8. Reactivity to other haplotypes (e.g. b, j, k, p, q, s, and v) has not been observed.

Applications Reported

This SF1-1.1.1 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This SF1-1.1.1 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 (ug) 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

Noun G, Reboul M, Abastado JP, Jaulin C, Kourilsky P, Pla M. Alloreactive monoclonal antibodies select Kd molecules with different peptide profiles. J Immunol. 1996 Sep 15;157(6):2455-61. (SF1-1.1.1, FC and ELISA, Pubmed)

Related Products

12-4724 Mouse IgG2a K Isotype Control PE

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