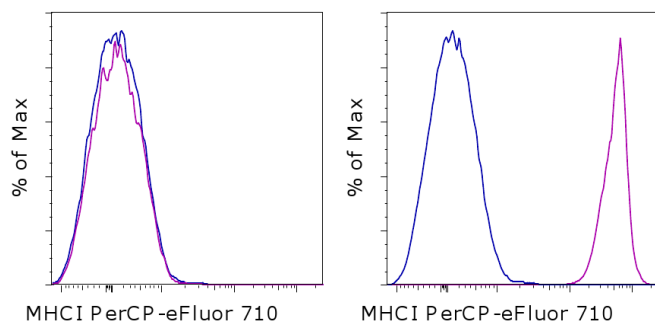


Anti-Mouse MHC Class I (H-2Kd) PerCP-eFluor® 710

Catalog Number: 46-5957

Also known as: MHC I

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



Staining of C57Bl/6 (left) or BALB/c (right) splenocytes with 0.125 ug of Mouse IgG2a K Isotype Control PerCP-eFluor® 710 (cat. 46-4724) (blue histogram) or 0.125 ug of Anti-Mouse MHC Class I (H-2Kd) PerCP-eFluor® 710 (purple histogram). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Mouse MHC Class I (H-2Kd) PerCP-eFluor® 710

REF **Catalog Number:** 46-5957

Clone: SF1-1.1.1

Concentration: 0.2 mg/mL

Host/Isotype: Mouse IgG2a



LOT



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 (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.

PerCP-eFluor® 710 can be used in place of PE-Cy5, PE-Cy5.5 or PerCP-Cy5.5. PerCP-eFluor® 710 emits at 710 nm and is excited with the blue laser (488 nm). Please make sure that your instrument is capable of detecting this fluorochrome. For a filter configuration, we recommend using the 685 LP dichroic mirror and 710/40 band pass filter, however the 695/40 band pass filter is an acceptable alternative.

Our testing indicates that PerCP-eFluor® 710 conjugated antibodies are stable when stained samples are exposed to freshly prepared 2% formaldehyde overnight at 4°C, but please evaluate for alternative fixation protocols.

Click [here](#) or contact eBioscience Technical Support for more information on eFluor™ Organic Dyes including PerCP-eFluor® 710.

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,

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Pubmed)

Related Products

46-4724 Mouse IgG2a K Isotype Control PerCP-eFluor® 710

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