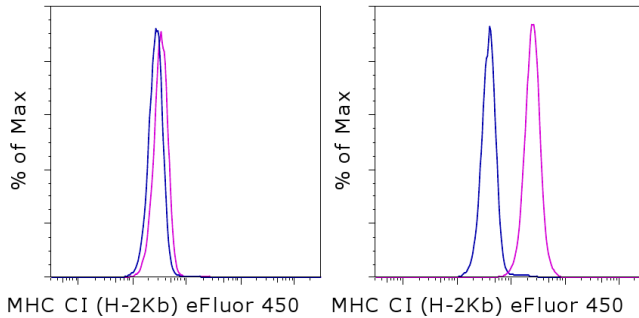


## Anti-Mouse MHC Class I (H-2Kb) eFluor<sup>®</sup> 450

Catalog Number: 48-5958

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



Staining of BALB/c (left) and C57Bl/6 (right) splenocytes with 0.5 ug of Mouse IgG2a K Isotype Control eFluor<sup>®</sup> 450 (cat. 48-4724) (blue histogram) or 0.5 ug of Anti-Mouse MHC Class I (H-2Kb) eFluor<sup>®</sup> 450 (purple histogram). Total viable cells were used for analysis.

### Product Information

**Contents:** Anti-Mouse MHC Class I (H-2Kb) eFluor<sup>®</sup> 450

**REF** **Catalog Number:** 48-5958

**Clone:** AF6-88.5.5.3

**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



**LOT**



### 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 1 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 10<sup>5</sup> to 10<sup>8</sup> cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

**eFluor<sup>®</sup> 450 is a replacement for Pacific Blue<sup>®</sup>. eFluor<sup>®</sup> 450 emits at 456 nm and is excited with the Violet laser (405 nm). Please make sure that your instrument is capable of detecting this fluorochrome.**

### References

Wall KA, Lorber MI, Loken MR, McClatchey S, Fitch FW. Inhibition of proliferation of MIs- 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

48-4724 Mouse IgG2a K Isotype Control eFluor<sup>®</sup> 450

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