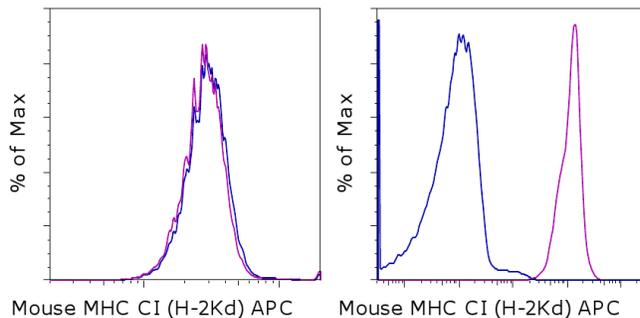


## Anti-Mouse MHC Class I (H-2Kd) APC

**Catalog Number:** 17-5957

**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 0.06  $\mu$ g of Mouse IgG2a K Isotype Control APC (cat. 17-4724) (blue histogram) or 0.06  $\mu$ g of Anti-Mouse MHC Class I (H-2Kd) APC (purple histogram). Total viable cells were used for analysis.

### Product Information

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

**REF** **Catalog Number:** 17-5957

**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

**Caution, contains Azide**



### 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 on Balb/c splenocytes. This antibody can be used at less than or equal to 0.125  $\mu$ g per test. A test is defined as the amount ( $\mu$ g) of antibody that will stain a cell sample in a final volume of 100  $\mu$ 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.

### 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

16-0161 Anti-Mouse CD16/CD32 Functional Grade Purified (93)

17-4724 Mouse IgG2a K Isotype Control APC

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