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## Anti-Mouse MHC Class I (H-2Kd/H-2Dd) Purified

**Catalog Number:** 14-5998

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

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### Product Information

**Contents:** Anti-Mouse MHC Class I (H-2Kd/H-2Dd) Purified  
**Catalog Number:** 14-5998  
**Clone:** 34-1-2S  
**Concentration:** 0.5 mg/mL  
**Host/Isotype:** Mouse IgG2a, kappa

REF



**Formulation:** aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer  
**Temperature Limitation:** Store at 2-8°C.

**Batch Code:** Refer to vial

**Use By:** Refer to vial

**Contains sodium azide**

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### Description

The 34-1-2S monoclonal antibody reacts with the mouse MHC class I, H-2Kd and H-2Dd. This cytotoxic antibody also cross-reacts with Kb, s, r, q, p.

### Applications Reported

34-1-2S has been reported for use in flow cytometric analysis, immunohistochemical staining of frozen mouse tissue sections, and complement-dependent cytotoxicity.

### Applications Tested

This 34-1-2S antibody has been tested by flow cytometric analysis of mouse splenocytes. This can be used at less than or equal to 0.5 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.

### References

Ozato K, Hansen TH, Sachs DH. Monoclonal antibodies to mouse MHC antigens. II. Antibodies to the H-2Ld antigen, the products of a third polymorphic locus of the mouse major histocompatibility complex. J Immunol. 1980 Dec;125(6):2473-7.

### Related Products

11-4011 Anti-Mouse IgG FITC

14-4724 Mouse IgG2a K Isotype Control Purified

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