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

Catalog Number: 16-5998

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

Product Information



Contents: Anti-Mouse MHC Class I (H-2Kd/H-2Dd) Functional Grade Purified

Catalog Number: 16-5998

Clone: 34-1-2S

Concentration: 1 mg/mL

Host/Isotype: Mouse IgG2a, kappa

Handling Conditions: Use in sterile environment.

Endotoxin: Less than 0.001 ng/ug antibody, as determined by the LAL assay.



Formulation: aqueous buffer, no sodium azide

Temperature Limitation: Store at 2-8°C.

Batch Code: Refer to vial

Use By: Refer to vial

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

This 34-1-2S antibody has been reported for use in flow cytometric analysis.

Applications Tested

This 34-1-2S antibody has been tested by flow cytometric analysis of mouse splenocyte suspensions. 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 10⁵ to 10⁸ 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

16-4724 Mouse IgG2a K Isotype Control Functional Grade Purified

16-5999 Anti-Mouse MHC Class I (H-2Db) Functional Grade Purified (28-14-8)