
Anti-Mouse MHC Class I (H-2Db) Functional Grade Purified

Catalog Number: 16-5999

Also Known As: MHCI, H2Db

RUO: For Research Use Only

Product Information

Contents: Anti-Mouse MHC Class I (H-2Db) Functional Grade Purified

REF **Catalog Number:** 16-5999

Clone: 28-14-8

Concentration: 1 mg/mL

Host/Isotype: Mouse IgG2a, kappa

Handling Conditions: Use in sterile environment.

Endotoxin Level: 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 28-14-8 monoclonal antibody reacts with the mouse MHC class I, H-2D^b, and cross-reacts with H-2L^d, H-2D^q and/or H-2L^q. Binding of 28-14-8 to the alpha 3 domain of H-2L^d is not dependent on β_2 -microglobulin.

Applications Reported

This 28-14-8 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This 28-14-8 antibody has been tested by flow cytometric analysis of mouse splenocyte suspensions. This can be used at less than or equal to 0.5 μ g per test. A test is defined as the amount (μ g) of antibody that will stain a cell sample in a final volume of 100 μ L. 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., T. H. Hansen, et al. (1980). 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 125(6): 2473-7.

Ozato, K., N. Mayer, et al. (1980). Hybridoma cell lines secreting monoclonal antibodies to mouse H-2 and Ia antigens. J Immunol 124 (2): 533-40.

Related Products

11-4011 Anti-Mouse IgG FITC

16-4724 Mouse IgG2a K Isotype Control Functional Grade Purified

16-5998 Anti-Mouse MHC Class I (H-2Kd/H-2Dd) Functional Grade Purified (34-1-2S)

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