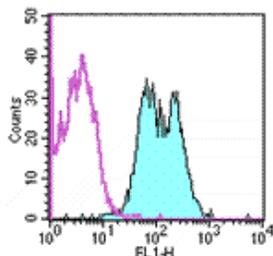


## Anti-Mouse MHC Class I (H-2Db) FITC

Catalog Number: 11-5999

Also Known As:MHCI, H2Db

RUO: For Research Use Only



Staining of C57BL/6 splenocytes with 0.25 ug of Mouse IgG2a K Isotype Control FITC (cat. 11-4724) (open histogram) or 0.25 ug of Anti-Mouse MHC Class I (H-2Db) FITC (filled histogram). Total viable cells were used for analysis.

### Product Information

**Contents:** Anti-Mouse MHC Class I (H-2Db) FITC

**REF** Catalog Number: 11-5999

**Clone:** 28-14-8

**Concentration:** 0.5 mg/mL

**Host/Isotype:** Mouse IgG2a, kappa

**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.

**LOT** **Batch Code:** Refer to Vial

 **Use By:** Refer to Vial

 **Caution, contains Azide**

### Description

The 28-14-8 monoclonal antibody reacts with the mouse MHC class I, H-2D<sup>b</sup>, and cross-reacts with H-2L<sup>d</sup>, H-2D<sup>q</sup> and/or H-2L<sup>q</sup>. Binding of 28-14-8 to the alpha 3 domain of H-2L<sup>d</sup> is not dependent on β<sub>2</sub>-microglobulin.

### Applications Reported

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

### Applications Tested

The 28-14-8 antibody has been tested by flow cytometric analysis of mouse splenocyte suspensions and 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.

### 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

11-4724 Mouse IgG2a K Isotype Control FITC

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