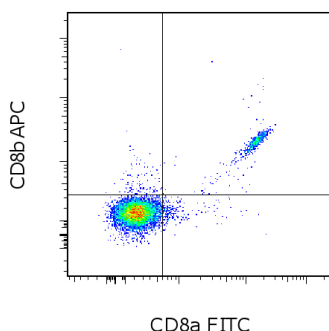


Anti-Mouse CD8b APC

Catalog Number: 17-0083

Also known as: CD8 beta, Ly-3, Ly-C, Lyt-3

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



Staining of C57Bl/6 splenocytes with Anti-Mouse CD8a FITC (cat. 11-0081) and 0.25 ug of Anti-Mouse CD8b APC. Total viable cells were used for analysis.

Product Information



Contents: Anti-Mouse CD8b APC

Catalog Number: 17-0083

Clone: eBioH35-17.2 (H35-17.2)

Concentration: 0.2 mg/mL

Host/Isotype: Rat IgG2b, 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.



Batch Code: Refer to vial



Use By: Refer to vial



Contains sodium azide

Description

The eBioH35-17.2 monoclonal antibody reacts with the mouse CD8 beta molecule. The CD8 beta chain associates with the CD8 alpha chain to form the CD8 alpha/beta heterodimer expressed on the surface of a majority of thymocytes, and on peripheral cytotoxic alpha beta TCR T cells. CD8 binds to MHC class I and plays a role in T cell development and activation of mature T cells.

Applications Reported

This eBioH35-17.2 (H35-17.2) antibody has been reported for use in flow cytometric analysis.

Applications Tested

This eBioH35-17.2 (H35-17.2) 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 10⁵ to 10⁶ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

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parasitism in experimental Chagas' disease. Infect Immun. 62(5):1820-9. (H35-17.2, IHC frozen, PubMed)

Thoma-Uszynski S, Emoto M, and Kaufmann SH. 1997. CD8alphaalpha T cells in lesions of Listeria monocytogenes-infected beta2m-deficient mice. Microb Pathog. 23(2):101-6. (H35-17.2, IHC frozen, PubMed)

Related Products

11-0081 Anti-Mouse CD8a FITC (53-6.7)

17-4031 Rat IgG2b K Isotype Control APC