

Biotin anti-mouse CD8b

Catalog # / Size: 126603 / 50 µg
126604 / 500 µg

Clone: YTS156.7.7

Isotype: Rat IgG2b, κ

Immunogen: mouse thymocytes

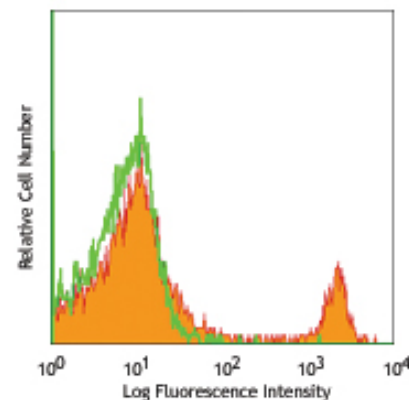
Reactivity: mouse CD8 beta chain

Preparation: The antibody was purified by affinity chromatography, and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C. **Do not freeze.**



BALB/c mouse splenocytes stained with biotinylated YTS156.7.7, followed by Sav-PE

Applications:

Applications: FC - Quality tested

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤0.06 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: Additional reported applications (for the relevant formats) include: immunohistochemistry of acetone-fixed frozen tissue sections.

Application References: 1. McNical AM, *et al.* 2007. *Eur. J. Immunol.* 37:1634.

Description: CD8b is the 32 kD β chain of CD8, also known as Lyt-3 or Ly-3. It is a member of the Ig superfamily expressed as a heterodimer with the CD8α chain on a subset of MHC class I-restricted T cells and most thymocytes. CD8 is a co-receptor for the TCR complex involved in T cell activation.

Antigen References: 1. Barclay A, *et al.* 1997. *The Leukocyte antigen Facts Book* Academic Press.
2. Zamoyska R. 1994. *Immunity* 1:243-246.
3. Ellmeier W, *et al.* 1999. *Annu. Rev Immunol* 17:523.
4. Ledbetter JA, *et al.* 1981. *J. Exp. Med.* 153:1503.

Related Products:

Product
Cell Staining Buffer
Biotin Rat IgG2b, κ Isotype Ctrl
TruStain fcX™ (anti-mouse CD16/32)

Clone

RTK4530
93

Application

FC, ICC, ICFC
FC, ICFC
FC



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