

Product Data Sheet

PE anti-mouse CD8b

Catalog # / Size: 126607 / 50 µg
126608 / 200 µg

Clone: YTS156.7.7

Isotype: Rat IgG2b, κ

Immunogen: mouse thymocytes

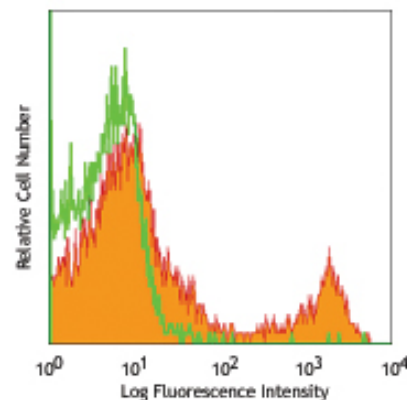
Reactivity: mouse CD8 beta chain

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

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

Concentration: 0.2 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



C57BL/6 mouse splenocytes stained with YTS156.7.7 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 ≤ 0.25 µg per 10⁶ 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
PE Rat IgG2b, κ Isotype Ctrl
TruStain fcX™ (anti-mouse CD16/32)

Clone

RTK4530
93

Application

FC, ICC, ICFC
FC, ICFC
FC



For research use only. Not for diagnostic use. Not for resale. BioLegend will not be held responsible for patent infringement or other violations that may occur with the use of our products.



*These products may be covered by one or more Limited Use Label Licenses (see the BioLegend Catalog or our website, www.biollegend.com/ordering#license). BioLegend products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products, reverse engineer functionally similar materials, or to provide a service to third parties without written approval of BioLegend. By use of these products you accept the terms and conditions of all applicable Limited Use Label Licenses. Unless otherwise indicated, these products are for research use only and are not intended for human or animal diagnostic, therapeutic or commercial use.