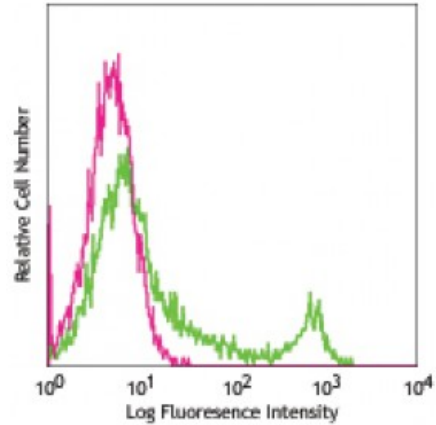


Purified anti-mouse CD8b

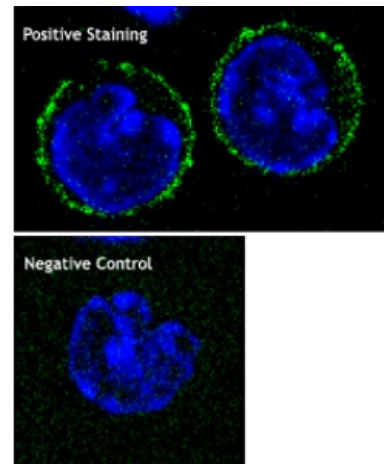
Catalog # / Size: 1233010 / 500 µg
Clone: YTS156.7.7
Isotype: Rat IgG2b, κ
Immunogen: Mouse thymocytes
Reactivity: Mouse
Preparation: The antibody was purified by affinity chromatography.
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration: 0.5



C57BL/6 mouse splenocytes stained with purified YTS156.7.7, followed by anti-rat IgG FITC

Applications:

Applications: Flow Cytometry
Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤0.25 microg per million cells in 100 microL 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.



Mouse OT-I primary CTL cells were stained with purified anti-mouse CD8b primary antibody at 1:50 dilution in PBS/1%NGS incubated O/N at 4°C, detected with anti-rat IgG2b FITC at 1:2000 dilution for 1hr at room temperature (green), plus DAPI staining f

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. Zamoyka R. 1994. *Immunity* 1:243-246.
 3. Ellmeier W, *et al.* 1999. *Annu. Rev Immunol* 17:523.
 4. Ledbetter JA, *et al.*