

**PerCP/Cyanine5.5 anti-mouse CD8b**

**Catalog # / Size:** 1233045 / 25 µg  
1233050 / 100 µg

**Clone:** YTS156.7.7

**Isotype:** Rat IgG2b, κ

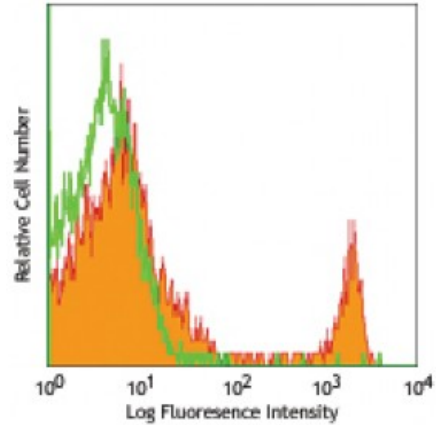
**Immunogen:** Mouse thymocytes

**Reactivity:** Mouse

**Preparation:** The antibody was purified by affinity chromatography, and conjugated with PerCP/Cyanine5.5 under optimal conditions. The solution is free of unconjugated PerCP/Cyanine5.5 and unconjugated antibody.

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

**Concentration:** 0.2



C57BL/6 mouse splenocytes stained with YTS156 PerCP/Cy5.5

**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 ≤0.06 microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.
- \* PerCP/Cyanine5.5 has a maximum absorption of 482 nm and a maximum emission of 690 nm.
- Application Notes:** Additional reported applications (for the relevant formats) include: immunohistochemistry of acetone-fixed frozen tissue sections.
- Application 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.

**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.