

## PE/Cyanine5 Anti-Mouse CD8b Antibody[YTS156.7.7]

Catalog Number: AN00479G

Note: Centrifuge before opening to ensure complete recovery of vial contents.

### Description

<b>Reactivity</b>	Mouse
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG1, $\kappa$
<b>Clone No.</b>	YTS156.7.7
<b>Isotype Control</b>	PE/Cyanine5 Rat IgG1, $\kappa$ Isotype Control[HRPN] [Product E-AB-F09822G]
<b>Conjugation</b>	PE/Cyanine 5
<b>Conjugation Information</b>	PE/Cyanine 5 is designed to be excited by the Blue (488 nm), Green (532 nm) and yellow-green (561 nm) lasers and detected using an optical filter centered near 670 nm (e.g., a 690/50 nm bandpass filter).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

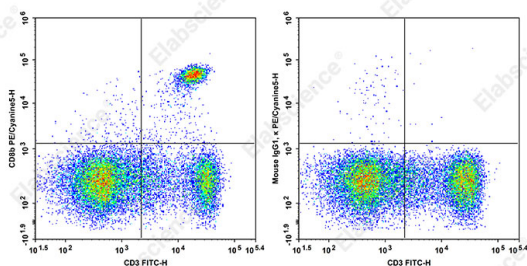
### Applications

FCM

### Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

### Data



Staining of C57BL/6 murine splenocytes cells with FITC Anti-Mouse CD3 Antibody[17A2] and PE/Cyanine 5 Anti-Mouse CD8b Antibody[YTS156.7.7](left) or PE/Cyanine 5 Rat IgG1,  $\kappa$  (right). Total viable cells were used for analysis.

### Preparation & Storage

<b>Storage</b>	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
<b>Shipping</b>	Ice bag

### Antigen Information

<b>Alternate Names</b>	Lyt-3, Ly-3;AN00479
<b>Uniprot ID</b>	P10300
<b>Gene ID</b>	12526

### For Research Use Only

## Background

CD8b is the 32 kD  $\beta$  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 CD8 $\alpha$  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.