

## Purified Anti-Mouse Cd8b Antibody[YTS156.7.7]

catalog number: AN004790P

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

### Description

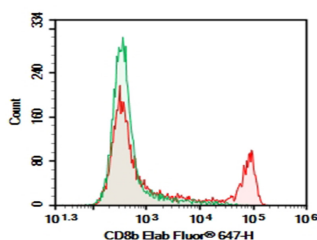
|                     |   |
|---------------------|---|
| <b>Reactivity</b>   | Mouse   |
| <b>Immunogen</b>    | Recombinant Mouse CD8b protein  |
| <b>Host</b>         | Rat   |
| <b>Isotype</b>      | Rat IgG1, $\kappa$  |
| <b>Clone</b>        | YTS156.7.7  |
| <b>Purification</b> | >98%, Protein A/G purified  |
| <b>Buffer</b>       | Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer.<br>Dialyze to completely remove the stabilizer prior to labeling. |

### Applications

### Recommended Dilution

|            |   |
|------------|---|
| <b>FCM</b> | 2 $\mu$ g/mL (0.5 $\times$ 10 <sup>6</sup> -1 $\times$ 10 <sup>6</sup> cells) |
|------------|---|

### Data



C57/BL6 Mouse splenocytes were stained with 0.2  $\mu$ g Purified Anti-Mouse Cd8b Antibody[YTS156.7.7] (Right) and 0.2  $\mu$ g Rat IgG1,  $\kappa$  Isotype Control (Left), followed by Elab Fluor® 647-conjugated Goat Anti-Rat IgG Secondary Antibody.

### Preparation & Storage

|                 |  |
|-----------------|--|
| <b>Storage</b>  | Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. |
| <b>Shipping</b> | Ice bag  |

### 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.

### For Research Use Only