

Purified Anti-Mouse Cd8b Antibody[YTS156.7.7]

catalog number: AN004790P

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

Description

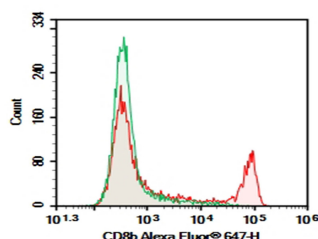
| | |
|---------------------|--|
| Reactivity | Mouse |
| Immunogen | Recombinant Mouse CD8b protein |
| Host | Rat |
| Isotype | Rat IgG1, κ |
| Clone | YTS156.7.7 |
| Purification | >98%, Protein A/G purified |
| Conjugation | Unconjugated |
| Buffer | Phosphate-buffered solution, pH 7.2, containing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

Applications

Recommended Dilution

| | |
|------------|---|
| FCM | 2 $\mu\text{g/mL}$ (1×10^5 - 5×10^5 cells) |
|------------|---|

Data



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

Preparation & Storage

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

Background

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 CD8 α 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.