# Purified Anti-Mouse CD8a Antibody[YTS 105.18]

**catalog number:** **AN003310P**

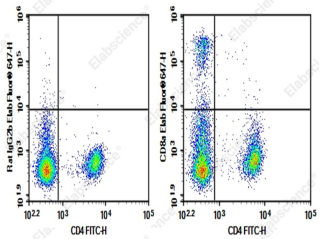
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

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|---|---|
| **Reactivity** | Mouse |
| **Immunogen** | Recombinant Mouse CD8a protein |
| **Host** | Rat |
| **Isotype** | Rat IgG2b, κ |
| **Clone** | YTS 105.18 |
| **Purification** | >98%, Protein A/G purified |
| **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** | ≤ 0.2 μg per million cells in 100 μL volume |

## Data




C57/BL6 Mouse splenocytes were stained with 0.2 μg Purified Anti-Mouse CD8a Antibody[YTS 105.18] (Right) and 0.2 μg Rat IgG2b, κ Isotype Control (Left), followed by Elab Fluor® 647-conjugated Goat Anti-Rat IgG Secondary Antibody, then anti-Mouse CD4 PE-conjugated Monoclonal Antibody.

## Preparation & Storage

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|---|---|
| **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

CD8, also known as Ly-2, is a heterodimeric glycoprotein consisting of an alpha and beta chain. It is expressed on cytolytic T cells and functions in conjunction with the T cell receptor in the recognition of MHC/peptide complexes. Mouse CD8 (containing an alpha /Ly-2 or alpha '/Lyt-2 chain) is an antigen co-receptor on the T cell surface which interacts with MHC I molecules on antigen presenting cells.


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