

## AF/LE Purified Anti-Mouse CD8a Antibody[YTS169.4]

Catalog Number: GF004080

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

### Description

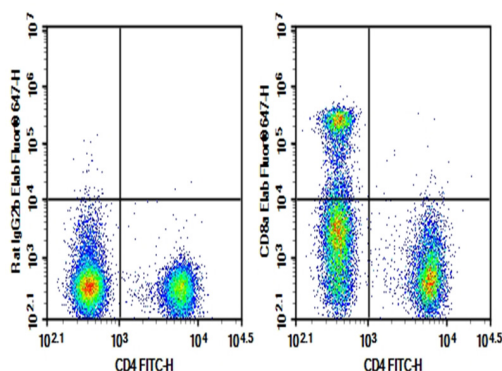
Reactivity	Mouse
Immunogen	Recombinant Mouse CD8a protein
Host	Rat
Isotype	Rat IgG2b, $\kappa$
Clone	YTS169.4
Purification	>98%, Protein A/G purified
Conjugation	None (AF/LE)
Buffer	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method.

### Applications

### Recommended Dilution

FCM	2 $\mu\text{g/mL}$ ( $0.5 \times 10^6$ - $1 \times 10^6$ cells)
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### Data



C57/BL6 Mouse splenocytes were stained with 0.2  $\mu\text{g}$  AF/LE Purified Anti-Mouse CD8a Antibody[YTS169.4] (Right) and 0.2  $\mu\text{g}$  Rat IgG2b,  $\kappa$  Isotype Control (Left), followed by Elab

Fluor® 647-conjugated Goat Anti-Rat IgG Secondary Antibody, then anti-Mouse CD4 FITC-conjugated

Monoclonal Antibody.

### Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
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.