

# In vivo Grade Recombinant Anti-mouse CD8b Monoclonal Antibody, Rat IgG2b Kappa (Clone: YTS 156.7)

Catalog No.: YR0384

## Basic Information

### Molecular Weight

150kDa

### Endotoxin

<1EU/mg (<0.001EU/μg) Determined by LAL gel clotting assay

### Sterility

0.2 μm filtration

### Aggregation

<5% Determined by SECP

### Purity

>95% Determined by SDS-PAGE

## Background

The rat anti-mouse CD8b monoclonal antibody YTS 156.7 (rat IgG2b kappa) reacts with the mouse CD8b protein (T-cell surface glycoprotein CD8 beta chain, Lyt-3 or Ly-3) encoded by the mouse cd8b gene that encodes the CD8b chain of the dimeric CD8 protein. The mouse CD8 protein is primarily responsible for cell-mediated immune defense and T-cell development. Our recombinant YTS 156.7 antibodies have a part (variable regions) or complete amino acid sequences of the rat anti-mouse CD8b monoclonal antibody (hybridoma clone name or number: YTS 156.7).

## Reported Applications

Western blot, immunohistochemistry (IHC), Flow Cytometry (FC), and in vivo CD8<sup>+</sup> T cell depletion.

## Immunogen Information

### Clone

YTS 156.7

### Isotype

Rat IgG2b

### Immunogen

### Recommended Isotype Control(s)

### Recommended Dilution Buffer

1×PBS

## Contact

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## Product Information

### Production

Purified from cell culture supernatant in an animal-free facility

### Purification

Protein A/G

### Storage

Store at 2 - 8°C. 2 - 8°C for up to 4 weeks and -80°C for long term storage (Avoid repeated freezing and thawing)