

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⁺ 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)