

# Anti-Mouse CD8a (Ly 2) In Vivo Antibody - Ultra Low Endotoxin

## Product Information

**Product SKU:**

IVMB0069

**Size:**

1mg, 5mg, 25mg, 50mg, 100mg

**Concentration:**

≥ 5.0 mg/ml

**Isotype:**

Rat IgG2a κ

**Host:**

Rat

**Clone:**

53-6.7

**Category:**

Monoclonal Antibody

**Reactivity:**

Mouse

**Synonyms:**

T8, Lyt2, Ly-2

**Specificity:**

Clone 53-6.7 recognizes Lyt 2. Clone 53-6.7 competes with clone 5H10-1 for binding to thymocytes.

**Formulation:**

This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added.

**Endotoxin Level:**

<0.5 EU/mg as determined by the LAL method

**Purity:**

≥98% monomer by analytical SEC · >95% by SDS Page

**Immunogen:**

Mouse thymus or spleen

**Storage and Stability:**

Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

**Product Preparation:**

Functional grade preclinical antibodies are manufactured in an animal free facility using only In vitro protein free cell culture techniques and are purified by a multi-step process including the use of protein A or G to assure extremely low levels of endotoxins, leachable protein A or aggregates.

**Applications**

B, CODEX®, CyTOF®, Depletion, FC, IHC FF, IP, WB

**Applications & Recommended Usage:**

FC The suggested concentration for this 53-6.7 antibody for staining cells in flow cytometry is ≤ 0.25 µg per 10<sup>6</sup> cells in a volume of 100 µl. Titration of the reagent is recommended for optimal performance for each application.