

# Anti-Mouse CD8 (116-13.1) In Vivo Antibody - Low Endotoxin

**Product Code:** ICH1249

**More Information**

**Species Reactivity:** Mouse

**Target:** CD8

**Concentration:** >5mg/ml

**Isotype:** Mouse IgG2a Kappa

**Host:** Mouse

**product name H2:** Anti-Mouse CD8 (116-13.1) In Vivo Antibody - Low Endotoxin

**UniProt:** P01731

**Shipping Conditions:** Blue ice

**background:** CD8 is the co-receptor that defines cytotoxic T lymphocytes, binding MHC class I to stabilise antigen recognition and enable killing of infected or transformed cells. Clone 116-13.1 is a mouse IgG2a kappa monoclonal antibody recognising mouse CD8, validated for depletion and flow cytometry. Anti-CD8 116-13.1 is supplied in a low-endotoxin format suitable for in vivo use and manufactured in scalable milligram to gram quantities for bulk and high-throughput laboratories. As a research-use-only, non-therapeutic reagent, it offers reproducible lot-to-lot performance for in vivo CD8 T-cell depletion and mouse cellular immunology studies.

**Other names:** Lyt 2.1

**clone:** 116-13.1

**Purification Method:** Protein A



**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.

**Purity:**  $\geq 95\%$  monomer by analytical SEC,  $> 95\%$  by SDS Page

**Endotoxin:** 1.0 EU/mg as determined by the LAL method

**Storage:** 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  $\leq -70^{\circ}\text{C}$ . Avoid Repeated Freeze Thaw Cycles.

**Applications:** Depletion, FC

**Use:** Products are for research use only. Not for use in diagnostic or therapeutic procedures.