

InVivoPro Anti-Mouse CD8 α *in vivo* antibody, Clone 53-6.7

Cat #: IV0119

Size: 1mg, 5mg, 25mg, 50mg, 100mg

Product Information

Isotype:	Rat IgG2a κ
Reactivity:	Mouse
Formulation:	PBS, pH 7.2, contains no stabilizers or preservatives
Concentration:	Lot specific, generally ≥ 5.0 mg/ml
Applications:	<i>In vivo</i> CD8 $^{+}$ T cell depletion, Flow cytometry, Western blot
Recommended Isotype Control:	IV0105 or Rat IgG2a <i>in vivo</i> Isotype Control
Endotoxin:	≤ 1.0 EU/mg, by the LAL method
Purity:	99%
Sterility:	0.2 μ M filtered
Purification:	Protein A or G
Recommended Dose Range:	200 μ g per mouse; or 10 mg/kg. This range is based off the most recent publication data using the 53-6.7 clone <i>in vivo</i> . Each investigator should determine their own optimal working dilution for specific applications.
Storage:	This antibody is stable for at least 2 months when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at -20°C or -80°C. Avoid repeated freeze thaw cycles.

Background

CD8, a.k.a Lyt-2, Ly-2, or T8, consists of disulfide-linked α and β chains that form the α (CD8 α)/ β (CD8 β) heterodimer and α/α homodimer. CD8 α is a 34 kD protein that belongs to the immunoglobulin family. The CD8 α/β heterodimer is expressed on the surface of most thymocytes and a subset of mature TCR α/β T cells.

Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.