

InVivoPro Anti-Mouse CD4 *in vivo* antibody, Clone GK1.5

Cat #: IV0102

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

Product Information

Isotype:	Rat IgG2b 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> CD4+ T cell depletion, Flow cytometry
Recommended Isotype Control:	IV0106 or Rat IgG2b 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:	200-500 μ g per mouse; or 20 mg/kg. This range is based off the most recent publication data using the GK1.5 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

CD4 (cluster of differentiation 4) is a glycoprotein expressed on the surface of T helper cells, regulatory T cells, monocytes, macrophages, and dendritic cells. CD4 interacts with class II molecules of the major histocompatibility complex (MHC) enhancing the signal for T-cell activation.

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