

InVivoPro Anti-Mouse Ly6G *in vivo* antibody, Clone 1A8

Cat #: IV0103

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

Product Information

Isotype:	Rat IgG2a k
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> neutrophil depletion, <i>in vivo</i> MDSC depletion, Flow cytometry, Immunohistochemistry(Paraffin and Frozen)
Recommended Isotype Control:	IV0105 or Rat IgG2a 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:	100-500 μ g per mouse or 5 mg/kg. This range is based off the most recent publication data using the 1A8 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

Ly-6G is a 21-25 kD GPI-anchored protein, is expressed on the majority of myeloid cells in bone marrow and peripheral granulocytes. Ly6G antibody (clone 1A8) recognizes an epitope on mouse Ly6G. Clone 1A8 does not cross react with Ly6C.

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