

InVivoPro Anti-Mouse Thy1.1(CD90.1) *in vivo* antibody, Clone OX-7

Cat #: IV0171

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

Product Information

Isotype:	Mouse IgG1 κ
Reactivity:	Mouse, Rat
Formulation:	PBS, pH 7.2, contains no stabilizers or preservatives
Concentration:	Lot specific
Applications:	<i>In vivo</i> functional assays
Recommended Isotype Control:	Mouse IgG1 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:	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

The Thy1.1 antigen is an 18 kDa cell surface GPI-anchored glycoprotein belonging to the Ig superfamily. Thy1.1 interacts with CD45 during lymphocyte proliferation and differentiation. Thy1.1 is expressed by thymocytes, hematopoietic stem cells, immature B cells, neurons, peripheral T cells, fibroblasts, stromal cells, early myeloid and erythroid cells, glomerular mesangial cells, mast cells, and dendritic cells (DCs). The OX-7 monoclonal antibody reacts with mouse CD90.1 (Thy1.1) and rat CD90 (Thy1/Thy1.1).

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