



## Peninsula Laboratories, LLC

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### Monoclonal Antibody to Rat CD90 Thy 1.1

Monoclonal antibody OX-7 recognizes the 18kDa Thy 1.1 antigenic determinant on rat and mouse cells. This antigen is found on a variety of cell types including thymocytes, neuronal cells, T and immature B cells, breast epithelial cells, and connective tissue. The antigen is involved in T cell activation and signal transduction. CD90 represents a single Ig domain inserted into membranes *via* a glycosyl phosphatidylinositol (GPI) anchor.

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<b>Product Number:</b>	T-3130
<b>Clone:</b>	OX-7
<b>Host species, isotype:</b>	Mouse IgG1
<b>Quantity:</b>	500µg
<b>Format:</b>	Purified, lyophilized  Reconstitute by adding 0.5ml distilled water. This stock solution contains 1mg/ml IgG in phosphate buffered saline pH 7.2 (PBS) and 0.02% sodium azide as a preservative.
<b>Stability:</b>	Original vial: 1 year at 4° - 8°C  Stock solution or aliquots thereof: 1 year at -20°C. Avoid repeated thawing and freezing.
<b>Applications:</b>	Tested for immunohistochemistry (IHC); has been described to work in FACS Western Blots, Immunoprecipitation.  <b>Approximate working dilution for IHC:</b> Frozen sections: 2.5µg/ml (1:400) Paraffin sections: not tested. Optimal dilutions should be determined by the end user.  Suggested positive control: rat spleen. <b>Specificity:Rat:</b> Thy1.1  <b>Other species:</b> not tested

For *in vitro* research only. Caution: this product contains sodium azide, a poisonous and hazardous substance.