



BMA BIOMEDICALS

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.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Product Number:	T-3130 (Lot 02PO0802)
Clone:	OX-7
Host species, isotype:	Mouse IgG1
Quantity:	500µg
Format:	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.
Stability:	Original vial: 1 year at 4° - 8°C from date of purchase. Stock solution or aliquots thereof: 1 year at -20°C. Avoid freeze-thaw cycles.
Applications:	Tested for immunohistochemistry (IHC); has been described to work in FACS Western Blots, Immunoprecipitation. Approximate working dilution for IHC: 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. Please see www.bma.ch for protocols and general information.
Protein database:	<u>rat-P01830</u>
Specificity:	Rat: Thy1.1 Other species: not tested

For in vitro research only. This product contains sodium azide as a preservative.