

Product datasheet for **SM049PX**

Thy1 Mouse Monoclonal Antibody [Clone ID: OX-7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OX-7
Applications:	FC, IHC, IP, WB
Recommended Dilution:	Flow cytometry: 1/50 - 1/100; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl. Immunohistochemistry on frozen and paraffin sections. Immunoprecipitation. Western Blot.
Reactivity:	Guinea Pig, Mouse, Rabbit, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Rat Thy 1 antigen. Spleen cells from immunised BALB/c mice were fused with cells of the NS1 mouse myeloma cell line.
Specificity:	This antibody recognises CD90, also known as Thy1.1. Since Thy1.1 is a monomorphic determinant in rat but polymorphic in mice, clone MRC OX-7 reacts with Thy1.1 mice e.g. AKR and FVB mice, but not Thy1.2 mice such as CBA and BALB/c. Clone MRC OX-7 has been demonstrated to promote neurite outgrowths on peripherin-stained sympathetic neurons, using fluorescence microscopy.
Formulation:	PBS, pH7.2 containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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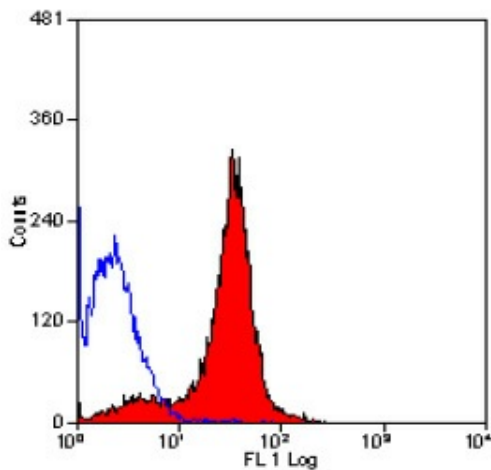
Gene Name: thymus cell antigen 1, theta

Database Link: [Entrez Gene 21838 Mouse P01831](#)

Background: CD90 is expressed on a variety of cell types including thymocytes, neuronal cells, stem cells, T lymphocytes (mouse), immature B cells (rat) and connective tissues.

Synonyms: Thy-1, THY1, CDw90

Product images:



Staining of rat thymocytes with mouse anti rat CD90