

THY1 / CD90 Mouse anti-Rat Monoclonal (RPE) Antibody - LS-C45141 - LSBio

CatalogID:	LS-C45141
Target:	Thy-1 cell surface antigen (THY1)
Synonyms:	THY1 Antibody, CD90 antigen Antibody, CD90 Antibody, CDw90 Antibody, Thy-1 antigen Antibody, Thy-1 T-cell antigen Antibody, Thy-1 Antibody, Thy-1 cell surface antigen Antibody, Thy-1 membrane glycoprotein Antibody
Host	THY1 antibody was produced in Mouse
Clonality:	Monoclonal
Isotype:	IgG1
Conjugations:	R. Phycoerythrin (RPE)
Immunogen Species:	THY1 / CD90 antibody was raised against Rat
Antigen Type:	Purified protein
Immunogen:	THY1 / CD90 antibody was raised against rat Thy1 antigen.
Specificity:	Recognizes rat and mouse CD90, also known as Thy1.1, expressed on a variety of cell types including thymocytes, neuronal cells, stem cells, T lymphocytes (mouse), immature B cells (rat) and connective tissues. Since Thy1.1 is a monomorphic determinant in rat but polymorphic in mice, clone MRC Reacts with Thy1.1 mice e. g. AKR and FVB mice, but not Thy1.2 mice such as CBA and BALB/c. The affinity of the Fab of MRC OX-7 for rat Thy1 is $3 \times 10^9 \text{m}^{-1}$ and for mouse Thy1.1 is $3 \times 10^8 \text{m}^{-1}$. Clone MRC OX-7 has been demonstrated to promote neurite outgrowths on peripherin-stained sympathetic rat neurons, using fluorescence microscopy. This product is routinely tested in flow cytometry on rat thymocytes.
Reactivity:	Rat, Mouse, Guinea pig, Rabbit
Purification:	Ion exchange chromatography
Reconstitution:	Distilled Water.
Presentation:	Lyophilized, PBS, pH 7.2, 0.09% sodium azide, 1% BSA.
Recommended Storage:	Prior to reconstitution store at +4C. After reconstitution store at +4C.
Usage Summary:	Flow Cytometry: Use 10 ul of the suggested working dilution to label 10^6 cells in 100 ul. Method sheets are available on request.
Uses:	Flow Cytometry (1:1) (Optimal dilution to be determined by the researcher)
Size:	100 tst
Requested From:	Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

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