

Product datasheet

Anti-CD90 / Thy1 antibody [MRC OX-7] (PE) ab33694

8 References

Overview

Product name	Anti-CD90 / Thy1 antibody [MRC OX-7] (PE)
Description	Mouse monoclonal [MRC OX-7] to CD90 / Thy1 (PE)
Host species	Mouse
Conjugation	PE. Ex: 488nm, Em: 575nm
Specificity	Since CD90 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. 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 $3 \times 10^8 \text{m}^{-1}$
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Mouse, Rat
Immunogen	Rat CD90 antigen.
Positive control	Rat and mouse 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.
General notes	ab33694 has been demonstrated to promote neurite outgrowths on peripherin-stained sympathetic rat neurons, using fluorescence microscopy.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.20 Preservative: 0.09% Sodium azide Constituents: PBS, 1% BSA
Purity	Protein G purified
Primary antibody notes	ab33694 has been demonstrated to promote neurite outgrowths on peripherin-stained sympathetic rat neurons, using fluorescence microscopy.
Clonality	Monoclonal
Clone number	MRC OX-7
Myeloma	NS1
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab33694** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 10µl for 10 ⁶ cells. or 100µl whole blood. ab91357 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

Target

Function May play a role in cell-cell or cell-ligand interactions during synaptogenesis and other events in the brain.

Sequence similarities Contains 1 Ig-like V-type (immunoglobulin-like) domain.

Cellular localization Cell membrane.

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