

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

12 References

Overview

Product name	PE Anti-CD90 / Thy1 antibody [MRC OX-7]
Description	PE Mouse monoclonal [MRC OX-7] to CD90 / Thy1
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	Full length protein. This information is proprietary to Abcam and/or its suppliers.
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	<p>ab33694 has been demonstrated to promote neurite outgrowths on peripherin-stained sympathetic rat neurons, using fluorescence microscopy.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituents: PBS, 1% BSA</p>
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

The Abpromise guarantee 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 at an assay dependent concentration. or 100ul whole blood. <u>ab91357</u> - 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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