

Product datasheet

PE Anti-CD90 / Thy1 antibody [G7] ab24904

8 References 1 Image

Overview

Product name	PE Anti-CD90 / Thy1 antibody [G7]
Description	PE Rat monoclonal [G7] to CD90 / Thy1
Host species	Rat
Conjugation	PE. Ex: 488nm, Em: 575nm
Specificity	ab24904 is specific for Thy 1.1 and Thy 1.2 alloantigens (Thy 1 epitope region A).
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	Tissue, cells or virus corresponding to Mouse CD90/ Thy1. Mouse T cell hybridoma C6/G8
Epitope	Thy 1 epitope region A
General notes	

ab24904 stimulates T-cell proliferation and IL2 secretion, via signalling through the T-cell receptor/CD3 complex. ab24904 has also been reported to promote apoptosis of thymocytes and CTL clones and to mediate adhesion of thymocytes to thymic stroma.

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.

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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.3 Preservative: 0.09% Sodium azide Constituents: PBS, 16% Sucrose Stabilising agent.

Purity	Affinity purified
Primary antibody notes	ab24904 stimulates T-cell proliferation and IL2 secretion, via signalling through the T-cell receptor/CD3 complex. ab24904 has also been reported to promote apoptosis of thymocytes and CTL clones and to mediate adhesion of thymocytes to thymic stroma.
Clonality	Monoclonal
Clone number	G7
Isotype	IgG2c
Light chain type	kappa

Applications

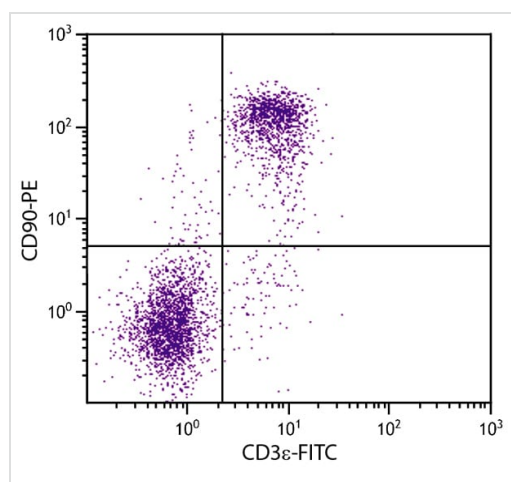
The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab24904 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 2µg for 10 ⁶ cells. ab154450 - Rat monoclonal IgG2c, 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.

Images



Flow cytometry analysis staining CD90 / Thy1 in mouse splenocytes using ab24904 at a dilution of 0.03 µg/10⁶ cells.

Flow Cytometry - PE Anti-CD90 / Thy1 antibody
[G7] (ab24904)

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