

FITC Anti-CD90 / Thy1 antibody [G7] ab25672

[8 References](#) [2 Images](#)

Overview

Product name	FITC Anti-CD90 / Thy1 antibody [G7]
Description	FITC Rat monoclonal [G7] to CD90 / Thy1
Host species	Rat
Conjugation	FITC. Ex: 493nm, Em: 528nm
Specificity	This antibody recognises CD90/Thy1, alloantigens Thy1.1 and Thy1.2.
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	Tissue, cells or virus corresponding to CD90/ Thy1. Mouse T cell hybridoma C6/G8
Epitope	This antibody reacts with CD90/Thy1 epitope region A.
Positive control	BALB/c mice mesenteric lymph node cells for Immunofluorescent staining and analysis by a flow cytometer.

General notes

This antibody has 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. Store In the Dark.
Storage buffer	pH: 7.4 Preservative: 0.1% Sodium azide Constituent: PBS
Purity	Affinity purified

Primary antibody notes	This antibody has 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

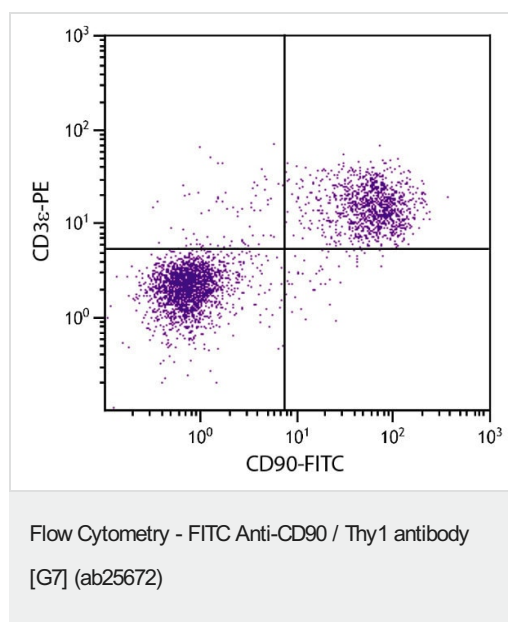
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab25672 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 1 µg for 10 ⁶ cells. ab114134 - Rat monoclonal IgG2c, is suitable for use as an isotype control with this antibody.

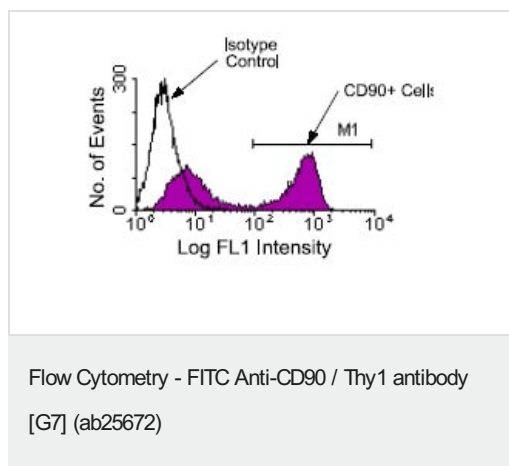
Target

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 of BALB/c mouse splenocytes stained with Rat Anti-Mouse CD90-FITC **ab25641** (1 µg/10⁶cells) and Rat Anti-Mouse CD3 epsilon-PE **ab25641**.



Ab25672, at a concentration of 1 µg for 10^6 cells, staining CD90/Thy1 in BALB/c mice mesenteric lymph node cells by Immunofluorescence. Some cells were also stained with rat IgG2c FITC as a negative control. Lymphocytes were then gated and analyzed on a flow cytometer.

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