

# FITC Anti-CD90 / Thy1 antibody [5E10] $\alpha$ b124527

[14 References](#) [1 Image](#)

### Overview

<b>Product name</b>	FITC Anti-CD90 / Thy1 antibody [5E10]
<b>Description</b>	FITC Mouse monoclonal [5E10] to CD90 / Thy1
<b>Host species</b>	Mouse
<b>Conjugation</b>	FITC. Ex: 493nm, Em: 528nm
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Tissue, cells or virus corresponding to Human CD90/ Thy1. HEL erythroleukemia cells.
<b>Positive control</b>	Flow Cyt: Jurkat cells.
<b>General notes</b>	<p>The reagent is free of unconjugated FITC and adjusted for direct use.</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&amp;As</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	<p>pH: 7.4</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituents: 99% PBS, 0.2% BSA</p> <p>BSA is high-grade protease free</p>
<b>Purity</b>	Size exclusion
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	5E10
<b>Isotype</b>	IgG1

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab124527 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. 4 µl reagent / 100 µl of whole blood or $10^6$ cells in a suspension.

## Target

### Function

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

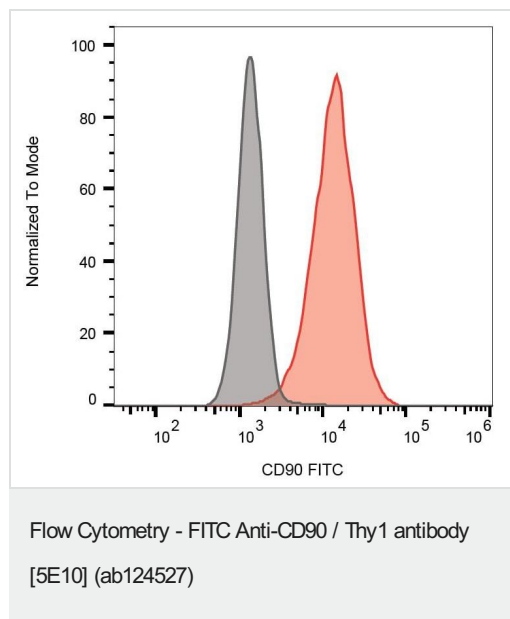
### Sequence similarities

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

### Cellular localization

Cell membrane.

## Images



Flow cytometry analysis (surface staining) using ab124527 (4 µL reagent per million cells in 100 µL of cell suspension). Histogram showing separation of Jurkat cells (red) from SP2 cells (black).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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