

## Product datasheet

### APC Anti-CD90 / Thy1 antibody [5E10] ab139364

★☆☆☆☆ [1 Abreviews](#) [10 References](#) [1 Image](#)

#### Overview

<b>Product name</b>	APC Anti-CD90 / Thy1 antibody [5E10]
<b>Description</b>	APC Mouse monoclonal [5E10] to CD90 / Thy1
<b>Host species</b>	Mouse
<b>Conjugation</b>	APC. Ex: 645nm, Em: 660nm
<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. Human erythroleukemia cell line cell preparation.
<b>Positive control</b>	Flow Cyt: Jurkat cells.
<b>General notes</b>	<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 ab139364 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	★☆☆☆☆ (1)	Use at an assay dependent concentration. 10 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> 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.

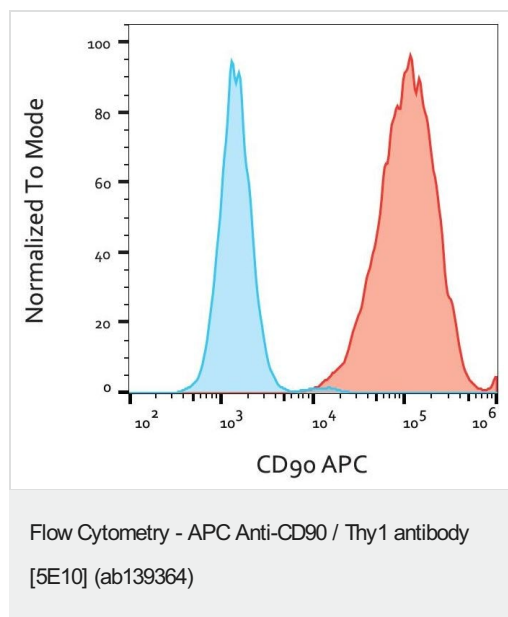
### Sequence similarities

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

### Cellular localization

Cell membrane.

## Images



Flow cytometry analysis (surface staining) of Jurkat cells (red) and SP2 cells (blue) labeling CD90 with ab139364.

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

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