

## Product datasheet

# PE/Cy7® Anti-CD27 antibody [O323], prediluted ab134498

[1 Image](#)

### Overview

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<b>Product name</b>	PE/Cy7® Anti-CD27 antibody [O323], prediluted
<b>Description</b>	PE/Cy7® Mouse monoclonal [O323] to CD27, prediluted
<b>Host species</b>	Mouse
<b>Conjugation</b>	PE/Cy7®. Ex: 496nm, Em: 774nm
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	The details of the immunogen for this antibody are not available.
<b>Positive control</b>	Normal Human peripheral blood 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

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.09% Sodium azide Constituents: PBS, 0.2% BSA
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	O323
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

## Applications

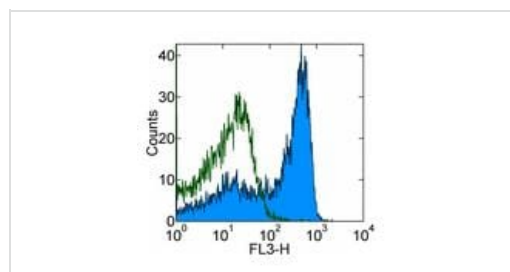
**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab134498 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 5µl for 10 <sup>6</sup> cells. <a href="#">ab154457</a> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

## Target

<b>Function</b>	Receptor for CD70/CD27L. May play a role in survival of activated T-cells. May play a role in apoptosis through association with SIVA1.
<b>Tissue specificity</b>	Found in most T-lymphocytes.
<b>Sequence similarities</b>	Contains 3 TNFR-Cys repeats.
<b>Post-translational modifications</b>	Phosphorylated and O-glycosylated.
<b>Cellular localization</b>	Membrane.

## Images



Flow Cytometry - PE/Cy7® Anti-CD27 antibody  
[O323], prediluted (ab134498)

Flow cytometric analysis of normal Human peripheral blood cells labelling Human CD27 with ab134498 at 5µl (filled histogram). Mouse IgG1 kappa Isotype control (open histogram). Cells in the lymphocyte gate were used for analysis.

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

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