

Product datasheet

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

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Overview

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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituents: PBS, 0.2% BSA</p>
Purity	Protein G purified
Clonality	Monoclonal
Clone number	O323
Isotype	IgG1
Light chain type	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 ⁶ cells. ab154457 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

Target

Function

Receptor for CD70/CD27L. May play a role in survival of activated T-cells. May play a role in apoptosis through association with SIVA1.

Tissue specificity

Found in most T-lymphocytes.

Sequence similarities

Contains 3 TNFR-Cys repeats.

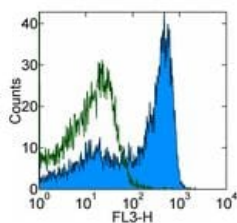
Post-translational modifications

Phosphorylated and O-glycosylated.

Cellular localization

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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