

## Product datasheet

# Anti-CD28 antibody [CD28.2], prediluted (PE) ab134418

### Overview

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<b>Product name</b>	Anti-CD28 antibody [CD28.2], prediluted (PE)
<b>Description</b>	Mouse monoclonal [CD28.2] to CD28, prediluted (PE)
<b>Host species</b>	Mouse
<b>Conjugation</b>	PE. Ex: 488nm, Em: 575nm
<b>Species reactivity</b>	<b>Reacts with:</b> Human, Non human primates
<b>Immunogen</b>	DC28.1.3.3 hybridoma cells.
<b>General notes</b>	<p>Short-term exposure to room temperature should not affect the quality of the antibody.</p> <p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications &amp; species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications &amp; species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications &amp; species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications &amp; species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>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, as well as 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: 7.4

Preservative: 0.1% Sodium azide  
Constituents: 99% PBS, 0.2% BSA

<b>Purity</b>	High grade protease free BSA
<b>Clonality</b>	Size exclusion
<b>Clone number</b>	Monoclonal
<b>Isotype</b>	CD28.2
	IgG1

## Target

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<b>Function</b>	Involved in T-cell activation, the induction of cell proliferation and cytokine production and promotion of T-cell survival.
<b>Tissue specificity</b>	Expressed in T-cells and plasma cells, but not in less mature B-cells.
<b>Sequence similarities</b>	Contains 1 Ig-like V-type (immunoglobulin-like) domain.
<b>Cellular localization</b>	Membrane.

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

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors