

## Product datasheet

# PerCP/Cy5.5® Anti-CD28 antibody [CD28.2], prediluted ab157318

## 1 References

### Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | PerCP/Cy5.5® Anti-CD28 antibody [CD28.2], prediluted  |
| <b>Description</b>         | PerCP/Cy5.5® Mouse monoclonal [CD28.2] to CD28, prediluted  |
| <b>Host species</b>        | Mouse   |
| <b>Conjugation</b>         | PerCP/Cy5.5®. Ex: 482nm, Em: 690nm  |
| <b>Tested applications</b> | <b>Suitable for:</b> Flow Cyt   |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human, Non human primates   |
| <b>Immunogen</b>           | DC28.1.3.3 murine T cell hybridoma transfected with Human CD28 cDNA.  |
| <b>Positive control</b>    | Human blood cells.  |
| <b>General notes</b>       | <p>Purified antibody is conjugated with tandem dye PerCP/Cy5.5® under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.</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> |
| <b>Purity</b>               | Size exclusion   |
| <b>Clonality</b>            | Monoclonal   |
| <b>Clone number</b>         | CD28.2   |

Isotype

IgG1

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab157318 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 4µl for 10 <sup>6</sup> cells.<br>4 µl reagent / 100 µl of whole blood. <b>ab157226</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody. |

## Target

### Function

Involved in T-cell activation, the induction of cell proliferation and cytokine production and promotion of T-cell survival.

### Tissue specificity

Expressed in T-cells and plasma cells, but not in less mature B-cells.

### Sequence similarities

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

### Cellular localization

Membrane.

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

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- We provide support in Chinese, English, French, German, Japanese and Spanish
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