

## Product datasheet

### APC Anti-CD58 antibody [MEM-63] ab180550

[1 Image](#)

#### Overview

<b>Product name</b>	APC Anti-CD58 antibody [MEM-63]
<b>Description</b>	APC Mouse monoclonal [MEM-63] to CD58
<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 CD58. NALM-6 Human pre-B cell line
<b>Positive control</b>	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

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	<p>pH: 8.0</p> <p>Preservative: 0.097% Sodium azide</p> <p>Constituents: 99% Tris buffered saline, 0.2% BSA</p> <p>BSA is high-grade protease free</p>
<b>Purity</b>	Size exclusion
<b>Purification notes</b>	The purified antibody is conjugated with cross-linked Allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use.
<b>Clonality</b>	Monoclonal

Clone number MEM-63

Isotype IgG1

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab180550 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 10µl for 10 <sup>6</sup> cells. or 100 µl of whole blood

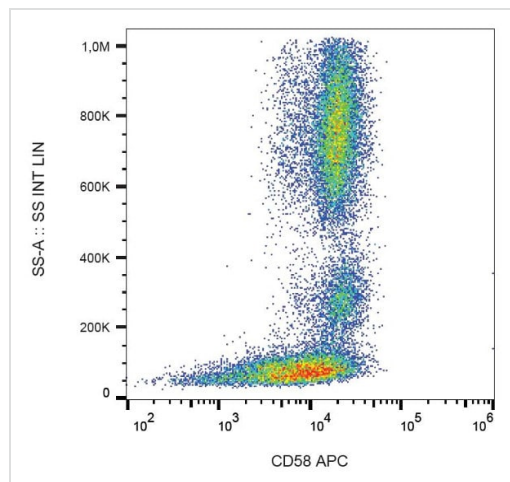
## Target

**Function** Ligand of the T-lymphocyte CD2 glycoprotein. This interaction is important in mediating thymocyte interactions with thymic epithelial cells, antigen-independent and -dependent interactions of T-lymphocytes with target cells and antigen-presenting cells and the T-lymphocyte rosetting with erythrocytes. In addition, the LFA-3/CD2 interaction may prime response by both the CD2+ and LFA-3+ cells.

**Sequence similarities** Contains 1 Ig-like C2-type (immunoglobulin-like) domain.

**Cellular localization** Cell membrane.

## Images



Flow Cytometry analysis of Human peripheral blood cells labeling CD58 with Anti-CD58 antibody [MEM-63] (Allophycocyanin) (ab180550).

Flow Cytometry - APC Anti-CD58 antibody [MEM-63] (ab180550)

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

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