

## Product datasheet

### Anti-CD80 antibody [16-10A1] ab106162

[7 References](#) [1 Image](#)

#### Overview

<b>Product name</b>	Anti-CD80 antibody [16-10A1]
<b>Description</b>	Armenian hamster monoclonal [16-10A1] to CD80
<b>Host species</b>	Armenian hamster
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Immunogen</b>	Tissue, cells or virus corresponding to Mouse CD80. CD80-transfected CHO cell line.
<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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	<p>pH: 7.20</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituents: PBS, 0.87% Monobasic dihydrogen sodium phosphate, 0.14% Sodium chloride</p>
<b>Purity</b>	SDS-PAGE
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	16-10A1
<b>Isotype</b>	IgG
<b>Light chain type</b>	kappa

#### Applications

The **Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab106162 in the following tested applications.

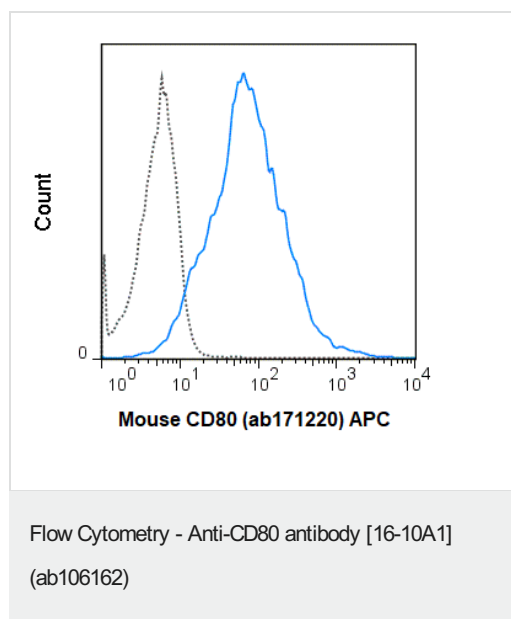
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use at an assay dependent concentration.

## Target

<b>Function</b>	Involved in the costimulatory signal essential for T-lymphocyte activation. T-cell proliferation and cytokine production is induced by the binding of CD28 or CTLA-4 to this receptor.
<b>Tissue specificity</b>	Expressed on activated B-cells, macrophages and dendritic cells.
<b>Sequence similarities</b>	Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
<b>Cellular localization</b>	Membrane.

## Images



Flow cytometric analysis of C57Bl/6 splenocytes stimulated with anti-IgM and anti-CD40 for 4 days. Cells were stained with 0.06 µg ab106162 (blue line) or 0.06 µg APC Armenian Hamster isotype control (dashed line).

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

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