

Product datasheet

PE/Cy5® Anti-CD80 antibody [16-10A1] ab95548

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

Overview

Product name	PE/Cy5® Anti-CD80 antibody [16-10A1]
Description	PE/Cy5® Armenian hamster monoclonal [16-10A1] to CD80
Host species	Armenian hamster
Conjugation	PE/Cy5®. Ex: 496nm, Em: 670nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	Tissue, cells or virus corresponding to Mouse CD80. CHO cell line stably transfected with mouse B7 (CD80) cDNA
Positive control	LPS activated C57Bl/6 splenocytes
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	pH: 7.20 Preservative: 0.09% Sodium azide Constituents: 0.87% Sodium chloride, PBS
Purity	Protein G purified
Clonality	Monoclonal
Clone number	16-10A1
Isotype	IgG

Applications

Applications

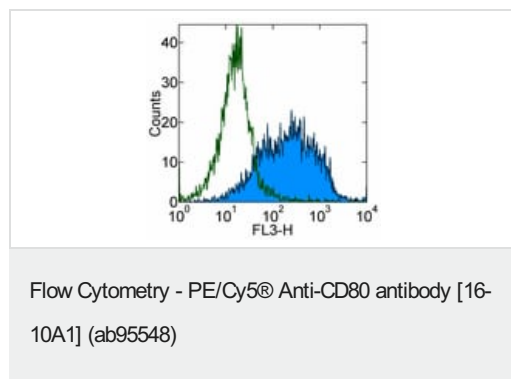
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab95548 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 0.06µg for 10 ⁵ cells. Cell number should be determined empirically but can range from 10 ⁵ to 10 ⁸ cells/test (based on 100 µl test volume). ab157805 - Armenian Hamster polyclonal IgG, is suitable for use as an isotype control with this antibody.

Target

Function	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.
Tissue specificity	Expressed on activated B-cells, macrophages and dendritic cells.
Sequence similarities	Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Cellular localization	Membrane.

Images



Staining of 3 day LPS activated C57Bl/6 splenocytes with 0.03 µg of PE-Cy5 Armenian Hamster IgG Isotype Control (open histogram) or 0.03 µg of ab95548 (filled histogram). Total cells were used for analysis.

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

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