

Product datasheet

APC Anti-CD80 antibody [16-10A1] ab95549

[1 Image](#)

Overview

Product name	APC Anti-CD80 antibody [16-10A1]
Description	APC Armenian hamster monoclonal [16-10A1] to CD80
Host species	Armenian hamster
Conjugation	APC. Ex: 645nm, Em: 660nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	CHO cell line stably transfected with mouse B7 (CD80) cDNA
Positive control	Flow Cyt: Mouse splenocytes cells
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 short term (1-2 weeks). Upon delivery aliquot. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.20 Preservative: 0.09% Sodium azide Constituents: 0.87% Sodium chloride, 0.1% Gelatin, 0.142% Monobasic dihydrogen sodium phosphate
Purity	Affinity purified
Clonality	Monoclonal
Clone number	16-10A1
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab95549 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 a concentration of 0.2 mg/ml.

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.

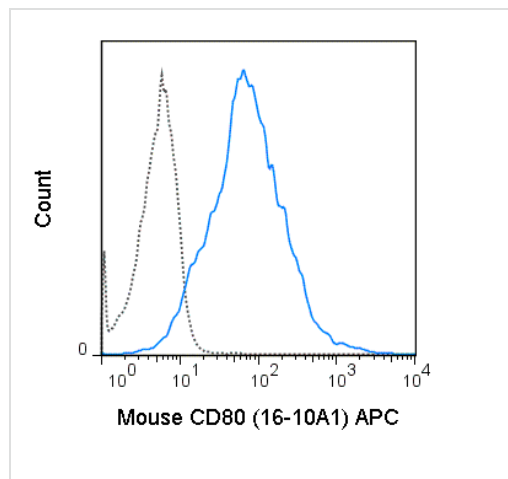
Sequence similarities

Contains 1 Ig-like C2-type (immunoglobulin-like) domain.
Contains 1 Ig-like V-type (immunoglobulin-like) domain.

Cellular localization

Membrane.

Images



Flow cytometric analysis of C57Bl/6 splenocytes cells labeling CD80 with ab95549 at 0.06 μ g (solid blue line) compared with APC Armenian Hamster isotype control at 0.06 μ g (dashed black line). C57Bl/6 splenocytes were stimulated with anti-IgM and anti-CD40 for 4 days.

Flow Cytometry - APC Anti-CD80 antibody [16-10A1] (ab95549)

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

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