

Product datasheet

Biotin Anti-CD80 antibody [16-10A1] ab93506

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

Overview

Product name	Biotin Anti-CD80 antibody [16-10A1]
Description	Biotin Armenian hamster monoclonal [16-10A1] to CD80
Host species	Armenian hamster
Conjugation	Biotin
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	CHO cell line transfected with Mouse CD80
Positive control	Activated C57Bl/6 splenocyte suspensions
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). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.09% Sodium azide Constituent: 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 ab93506 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		

Application notes

Flow Cyt: Use 0.125µg for 10⁵ to 10⁸ cells in a final volume of 100µl.

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

Target

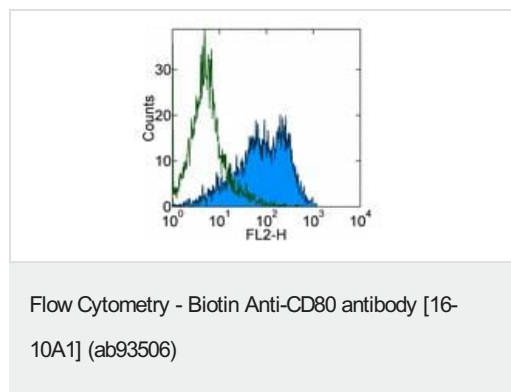
Function Involved in the costimulatory signal essential for T-lymphocyte activation. T-cell proliferation and cytokine production is induced by the binding of CD28 or CTLA-4 to this receptor.

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 cytometry image showing staining of 3-day LPS activated C57Bl/6 splenocytes with 0.06 µg of a Biotin Armenian Hamster IgG Isotype Control (open histogram) and 0.06 µg of ab93506 (colored histogram) followed by Streptavidin-PE (Phycoerythryn). Total viable cells were used for analysis.

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

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