

PE Anti-CD80 antibody [16-10A1] α b93507

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Overview

Product name	PE Anti-CD80 antibody [16-10A1]
Description	PE Armenian hamster monoclonal [16-10A1] to CD80
Host species	Armenian hamster
Conjugation	PE. Ex: 488nm, Em: 575nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	Tissue, cells or virus corresponding to Mouse CD80. CHO cell line transfected with Mouse CD80
Positive control	Activated Mouse 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. Do Not Freeze. Store undiluted.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituents: 0.87% Sodium chloride, 0.14% Monobasic dihydrogen sodium phosphate, 0.1% Gelatin</p>
Purity	Affinity purified
Clonality	Monoclonal
Clone number	16-10A1
Isotype	IgG

Applications

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab93507 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. ab101026 - Armenian Hamster monoclonal 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.

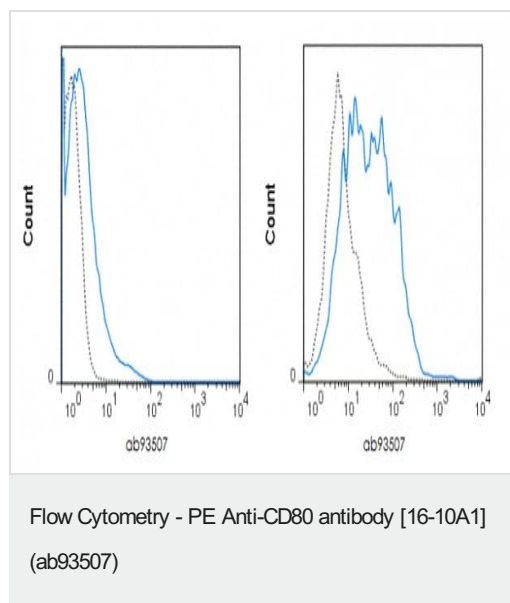
Sequence similarities

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

Cellular localization

Membrane.

Images



Flow Cytometry analysis of C57Bl/6 splenocytes unstimulated (left panel) or stimulated for 3 days with LPS (right panel) labeling CD80 with ab93507 at 0.125µg (solid line). Isotype control - Armenian Hamster IgG (Phycoerythrin) 0.125µg.

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

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