

Product datasheet

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

3 References 1 Image

Overview

<b>Product name</b>	Anti-CD80 antibody [16-10A1] (Biotin)
<b>Description</b>	Armenian Hamster monoclonal [16-10A1] to CD80 (Biotin)
<b>Host species</b>	Armenian hamster
<b>Conjugation</b>	Biotin
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Immunogen</b>	CHO cell line transfected with Mouse CD80
<b>Positive control</b>	Activated C57Bl/6 splenocyte suspensions

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.09% Sodium Azide Constituents: PBS, pH 7.2
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	16-10A1
<b>Isotype</b>	IgG

Applications

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
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Flow Cyt

**Application notes** Flow Cyt: Use 0.125µg for 10<sup>5</sup> to 10<sup>8</sup> cells in a final volume of 100µl.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## Target

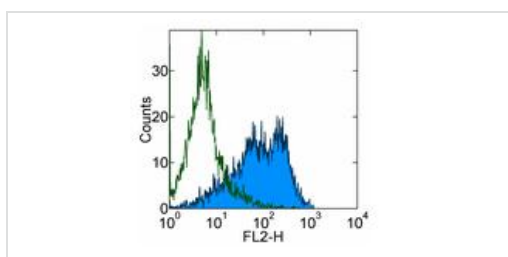
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<b>Function</b>	Involved in the costimulatory signal essential for T-lymphocyte activation. T-cell proliferation and cytokine production is induced by the binding of CD28 or CTLA-4 to this receptor.
<b>Tissue specificity</b>	Expressed on activated 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.

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## Images

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Flow Cytometry - CD80 antibody [16-10A1] (Biotin)  
(ab93506)

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 (Phycoerythrin). Total viable cells were used for analysis.

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