

Product datasheet

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

3 References 1 Image

Overview

Product name	Anti-CD80 antibody [16-10A1] (Biotin)
Description	Armenian Hamster monoclonal [16-10A1] to CD80 (Biotin)
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

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	Preservative: 0.09% Sodium Azide Constituents: PBS, pH 7.2
Purity	Protein G purified
Clonality	Monoclonal
Clone number	16-10A1
Isotype	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 10⁵ to 10⁸ cells in a final volume of 100µl.

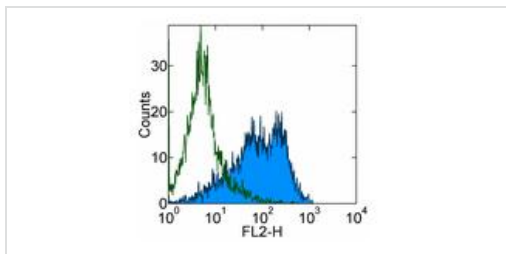
Not yet tested in other applications.

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 - Anti-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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