

Anti-CD80 Antibody Picoband® Cy3 Conjugated

Catalog Number: PA1365-Cy3

About CD80

Cluster of Differentiation 80 (also CD80 and B7-1) is a protein found on activated B cells and monocytes that provides a costimulatory signal necessary for T cell activation and survival. It is the ligand for two different proteins on the T cell surface: CD28 (for autoregulation and intercellular association) and CTLA-4 (for attenuation of regulation and cellular disassociation). CD80 works in tandem with CD86 to prime T cells. The CD80 genes encode B7-1 which are structurally similar members of the immunoglobulin superfamily expressed on a variety of hematopoietic cell types. Reeves et al. (1997) stated that B7-1 and B7-2 provide a costimulatory signal to T cells by interacting with CD28 and CTLA4.

Overview

| | |
|----------------------|--|
| Product Name | Anti-CD80 Antibody Picoband® Cy3 Conjugated |
| Reactive Species | Human |
| Application | Flow Cytometry |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Rabbit |
| Uniprot ID | P33681 |

Technical Details

| | |
|---------------------|--|
| Immunogen | A synthetic peptide corresponding to a sequence at the N-terminus of human CD80. |
| Cross Reactivity | No cross-reactivity with other proteins |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Cy3 Excitation Wavelength: 554 nm Emission Wavelength: 568 nm |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users. |

1 Publications Citing This Product

1. PubMed ID: 22728711, Du Hy, Dong Lh, Zhao Bj, Fu J, Wang Qq, Chen F, Ou L, Li N, Sun X, Tang Zm, Song Hf. Acta Pharmacol Sin. 2012 Aug;33(8):1047-54. Doi: 10.1038/Aps.2012.54. Epub 2012 Jun 25. Immunostimulatory And Anti-Neoplasm Effects Of A Novel Palindrome Cpg Olig...

Visit bosterbio.com/anti-cd80-antibody-pa1365-boster.html to see all 1 publications.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-CD80 Antibody - Cy3

For Research Use Only. Not for use in diagnostic procedures.