

Anti-Ms CD80 Purified Monoclonal Antibody

Catalog Number: M00196-2

About CD80

CD80 (B7-1) and CD86 (B7-2) are ligands of T cell critical costimulatory molecule CD28 and of an inhibitory receptor CTLA-4 (CD152). The both B7 molecules are expressed on professional antigen-presenting cells and are essential for T cell activation, the both molecules can also substitute for each other in this process. The question what are the differences in CD80 and CD86 competency has not been fully elucidated yet; there are still conflicts in results about their respective roles in initiation or sustaining of the T cell immune response.

Overview

Product Name	Anti-Ms CD80 Purified Monoclonal Antibody
Reactive Species	Dog, Mouse
Description	Boster Bio Anti-Ms CD80 Purified Monoclonal Antibody (Catalog# M00196-2). Tested in Flow Cytometry, IP, IHC-F application(s). This antibody reacts with Mouse, Dog.
Application	Flow Cytometry, IP, IHC-F
Clonality	Monoclonal 16-10A1
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Hamster
Uniprot ID	Q00609

Technical Details

Immunogen	CD80-transfected CHO cell line. The Armenian hamster monoclonal antibody 16-10A1 reacts with an extracellular epitope of CD80 (B7-1), a 60 kDa single chain type I glycoprotein of immunoglobulin supergene family, expressed on professional antigen-presenting cells, such as dendritic cells, macrophages or activated B lymphocytes.
Isotype	Armenian Hamster IgG2
Form	Liquid
Concentration	1 mg/ml
Purification	Purified by protein-A affinity chromatography.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:
Boster Bio's internal QC testing used:
Flow cytometry: 1-4 ug/ml.

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