

Mouse anti-Human CD80, APC Conjugated mAb

Catalog No: #28297



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Description

Product Name	Mouse anti-Human CD80, APC Conjugated mAb
Clone No.	4AGHI/61
Isotype	IgG1, k
Applications	FC
Species Reactivity	Human, Not yet tested in other species.
Storage	Store at 4°C. DO NOT FREEZE. LIGHT SENSITIVE MATERIAL.

Application Details

Format: APC

Vol.per.Test: 20 µl to 5 µl per test

Storage Buffer: Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide and 0.2% (w/v) BSA

Product Description

Mouse Monoclonal Antibody

Background

CD80, also known as B7-1, B7, and BB1, is a 60 kD single chain type I glycoprotein belonging to the immunoglobulin superfamily. CD80 is expressed on activated B and T cells, macrophages, and dendritic cells. CD80 binds to CD28 and CD152 (CTLA-4). Along with CD86, CD80 plays a critical role in regulation of T cell activation. The interaction of CD80 with CD28 provides a potent costimulatory signal for T cell activation through the CD3 complex, while its interaction with CTLA-4 provides an inhibitory signal for T cell activation.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.