

APC Rabbit anti-Human CD1B mAb

Catalog No.: A26132

Basic Information

Observed MW

Refer to figures

Calculated MW

37kDa/30kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC66962-APC

Conjugate

APC. Ex:650nm. Em:660nm.

Recommended Dilutions

FC 5 μ l per 10^6 cells in
100 μ l volume

Background

This gene encodes a member of the CD1 family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. The CD1 proteins mediate the presentation of primarily lipid and glycolipid antigens of self or microbial origin to T cells. The human genome contains five CD1 family genes organized in a cluster on chromosome 1. The CD1 family members are thought to differ in their cellular localization and specificity for particular lipid ligands. The protein encoded by this gene localizes to late endosomes and lysosomes via a tyrosine-based motif in the cytoplasmic tail, and requires vesicular acidification to bind lipid antigens.

Immunogen Information

Gene ID

910

Swiss Prot

P29016

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 18-303 of human CD1B (NP_001755.1).

Synonyms

R1; CD1; CD1A

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

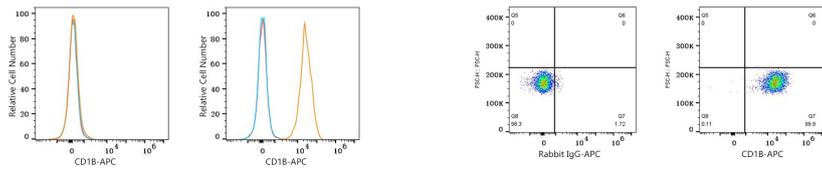
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1×10^6 K-562 cells (negative control, left) and MOLT-4 cells (right) were surface-stained with APC Rabbit anti-Human CD1B mAb (A26132, 5 μ l/Test, orange line) or APC Rabbit IgG isotype control (A24173, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 MOLT-4 cells were surface-stained with APC Rabbit IgG isotype control (A24173, 5 μ l/Test, left) or APC Rabbit anti-Human CD1B mAb (A26132, 5 μ l/Test, right).