

APC Rabbit anti-Human CD1c mAb

Catalog NO.: A26839 **1 Publications**

Basic Information

Observed MW

Calculated MW

38kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Human

Conjugation

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

Clone number

ARC65906

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 is broadly distributed throughout the endocytic system via a tyrosine-based motif in the cytoplasmic tail. Alternatively spliced transcript variants of this gene have been observed, but their full-length nature is not known.

Recommended Dilutions

FC 5 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

911

Swiss Prot

P29017

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

R7; CD1; CD1A; BDCA1

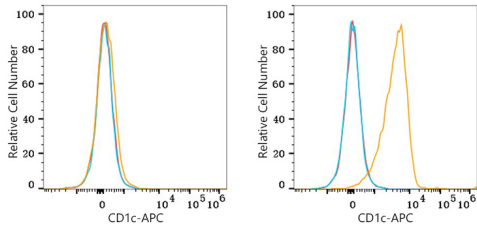
Contact

Product Information

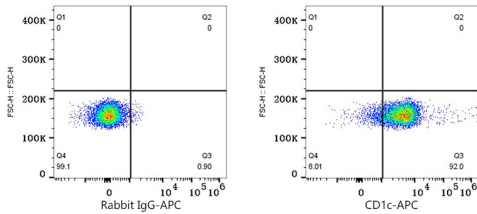
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.		

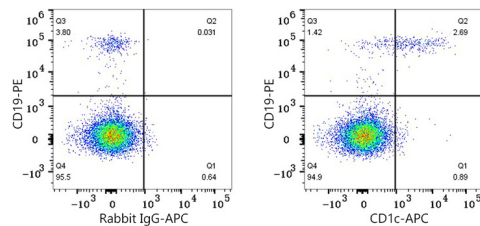
Validation Data



Flow cytometry: 1X10^6 K-562 cells (negative control,left) and MOLT-4 cells (right) were surface-stained with APC Rabbit anti-Human CD1c mAb (A26839,5 μl/Test,orange line) or APC Rabbit IgG isotype control (A24173,5 μl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 MOLT-4 cells were surface-stained with APC Rabbit IgG isotype control (A24173,5 μl/Test,left) or APC Rabbit anti-Human CD1c mAb (A26839,5 μl/Test,right).



Flow cytometry: 1×10^6 Human PBMC were surface-stained with PE Mouse anti-Human CD19 mAb (A22816, 5 μ l/Test) and APC Rabbit IgG isotype control (A24173, 5 μ l/Test, left) or APC Rabbit anti-Human CD1c mAb (A26839, 5 μ l/Test, right). Cells in the lymphocytes gate were used for analysis.