

# APC Mouse anti-Human CD1a mAb

Catalog No.: A26904

## Basic Information

### Observed MW

### Calculated MW

37kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

AMC0708-APC

### Conjugate

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

## Recommended Dilutions

FC 5  $\mu$ l per  $10^6$  cells in  
100  $\mu$ 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 the plasma membrane and to recycling vesicles of the early endocytic system. Alternative splicing results in multiple transcript variants.

## Immunogen Information

### Gene ID

909

### Swiss Prot

P06126

### Immunogen

A synthesized peptide derived from human CD1a.

### Synonyms

R4; T6; CD1; FCB6; HTA1

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Mouse

### Isotype

IgM

### Purification

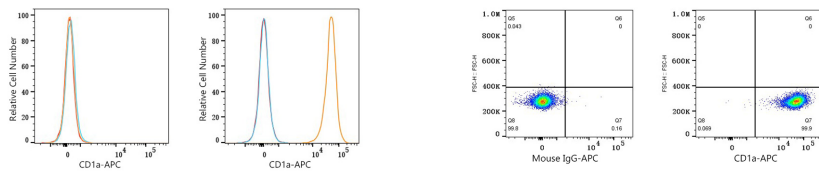
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data



Flow cytometry:  $1 \times 10^6$  HeLa cells (negative control, left) and MOLT-4 cells (right) were surface-stained with APC Mouse anti-Human CD1a mAb (A26904, 5  $\mu$ l/Test, orange line) or APC Mouse IgG isotype control (5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:  $1 \times 10^6$  MOLT-4 cells were surface-stained with APC Mouse IgG isotype control (5  $\mu$ l/Test, left) or APC Mouse anti-Human CD1a mAb (A26904, 5  $\mu$ l/Test, right).