

CD1c Rabbit mAb

Catalog No.: A25340 **Recombinant**

Basic Information

Observed MW

Refer to figures

Calculated MW

38kDa

Category

Primary antibody

Applications

ELISA,FC

Cross-Reactivity

Human

CloneNo 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 1:500 - 1:1000

Immunogen Information

Gene ID

911

Swiss Prot

P29017

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 19-298 of human CD1c (NP_001756.2).

Synonyms

R7; CD1; CD1A; BDCA1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

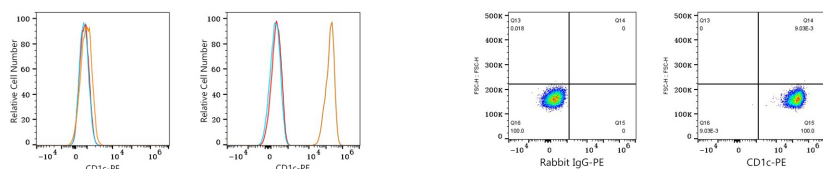
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Flow cytometry: 1×10^6 K-562 cells (negative control, left) and MOLT-4 cells (right) were surface-stained with CD1c Rabbit mAb (A25340, 2 μ g/mL, orange line) or PE Rabbit IgG isotype control (A24172, 5 μ l/Test, blue line), followed by PE conjugated goat anti-rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 MOLT-4 cells were surface-stained with PE Rabbit IgG isotype control (A24172, 5 μ l/Test, left) or CD1c Rabbit mAb (A25340, 2 μ g/mL, right).