A26903

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PE Mouse anti-Human CD1a mAb

Catalog No.: A26903 1 Publications

Basic Information

Observed MW

Calculated MW
37kDa

Category
Monoclonal Antibody

Applications
FC

Cross-Reactivity
Human

Conjugate
PE. Ex:565nm. Em:574nm.

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.

Recommended Dilutions

FC	5 µl per 10^6 cells in 100 µl volume

Immunogen Information

Gene ID
909

Swiss Prot
P06126

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
R4; T6; CD1; FCB6; HTA1

Contact

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Product Information

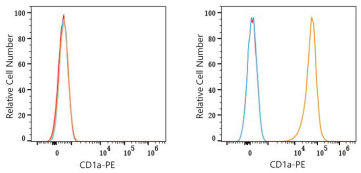
Source
Mouse

Isotype
IgM

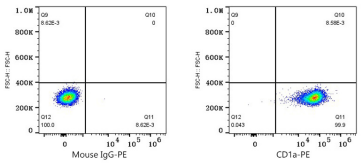
Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Flow cytometry: 1X10^6 HeLa cells (negative control,left) and MOLT-4 cells (right) were surface-stained with PE Mouse anti-Human CD1a mAb (A26903,5 µl/Test,orange line) or PE Mouse IgG isotype control (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 PE Mouse IgG isotype control (5 µl/Test,left) or PE Mouse anti-Human CD1a mAb (A26903,5 µl/Test,right).

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