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FITC Rabbit anti-Human CD99 mAb

Catalog No.: A26936

Basic Information

Observed MW

Calculated MW
19kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC67259-FITC

Conjugate
FITC. Ex:491nm. Em:516nm.

Background

The protein encoded by this gene is a cell surface glycoprotein involved in leukocyte migration, T-cell adhesion, ganglioside GM1 and transmembrane protein transport, and T-cell death by a caspase-independent pathway. In addition, the encoded protein may have the ability to rearrange the actin cytoskeleton and may also act as an oncosuppressor in osteosarcoma. This gene is found in the pseudoautosomal region of chromosomes X and Y and escapes X-chromosome inactivation. There is a related pseudogene located immediately adjacent to this locus.

Recommended Dilutions

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

Immunogen Information

Gene ID
4267

Swiss Prot
P14209

Immunogen
A synthetic peptide corresponding to a sequence within amino acids 24-123 of human CD99 (NP_002405.1).

Synonyms
MIC2; HBA71; MIC2X; MIC2Y; MSK5X

Contact

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Product Information

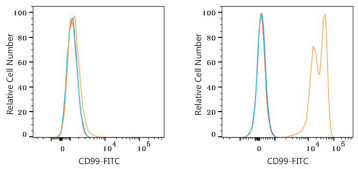
Source
Rabbit

Isotype
IgG

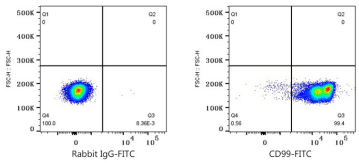
Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1X10^6 U266 cells (negative control,left) and Human PBMC (right) were surface-stained with FITC Rabbit anti-Human CD99 mAb (A26936,5 µl/Test,orange line) or FITC Rabbit IgG isotype control (A25616,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 Human PBMC were surface-stained with FITC Rabbit IgG isotype control (A25616,5 µl/Test,left) or FITC Rabbit anti-Human CD99 mAb (A26936,5 µl/Test,right).