

ABflo® 594 Rabbit anti-Human CD99 mAb

Catalog No.: A25833

Basic Information

Observed MW

Calculated MW

19kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC67259-ABflo594

Conjugate

ABflo® 594. Ex:588nm. Em:604nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

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.

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

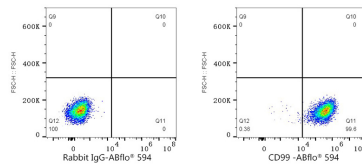
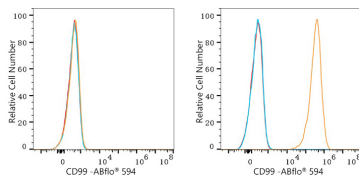
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1X10⁶ U266 cells (negative control, left) and Jurkat cells (right) were surface-stained with ABflo® 594 Rabbit anti-Human CD99 mAb (A25833, 5 µl/Test, orange line) or ABflo® 594 Rabbit IgG isotype control (A23821, 5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1X10⁶ Jurkat cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821, 5 µl/Test, left) or ABflo® 594 Rabbit anti-Human CD99 mAb (A25833, 5 µl/Test, right).