

ABflo® 647 Rabbit anti-Human CD99 mAb

Catalog No.: A25832

Basic Information

Observed MW

Calculated MW

19kDa

Category

Primary antibody

Applications

IF/ICC,FC

Cross-Reactivity

Human

CloneNo number

ARC67259

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

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

IF/ICC 1:25 - 1:200

FC 5 µl per 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID

4267

Swiss Prot

P14209

Immunogen

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

Synonyms

MIC2; HBA71; MIC2X; MIC2Y; MSK5X

Contact

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🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

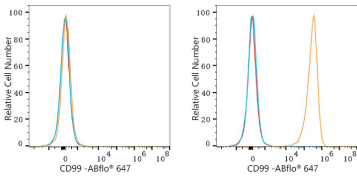
Affinity purification

Storage

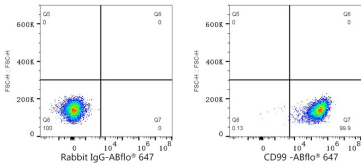
Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

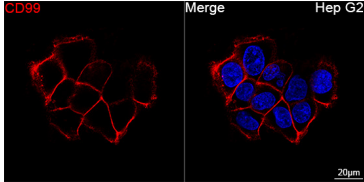
Validation Data



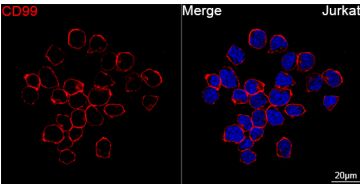
Flow cytometry: 1X10⁶ U266 cells (negative control, left) and Jurkat cells (right) were surface-stained with ABflo® 647 Rabbit anti-Human CD99 mAb (A25832, 5 µl/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



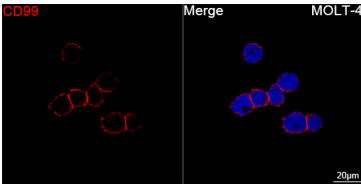
Flow cytometry: 1X10⁶ Jurkat cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 µl/Test, left) or ABflo® 647 Rabbit anti-Human CD99 mAb (A25832, 5 µl/Test, right).



Confocal imaging of Hep G2 cells using ABflo® 647 Rabbit anti-Human CD99 mAb (A25832, dilution 1:25) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.



Confocal imaging of Jurkat cells using ABflo® 647 Rabbit anti-Human CD99 mAb (A25832, dilution 1:25) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.



Confocal imaging of MOLT-4 cells using ABflo® 647 Rabbit anti-Human CD99 mAb (A25832, dilution 1:25) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.