

ABflo® 488 Rabbit anti-Human CD82 mAb

Catalog No.: A28485

Basic Information

Observed MW

Calculated MW

27kDa/30kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC77453

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Background

This metastasis suppressor gene product is a membrane glycoprotein that is a member of the transmembrane 4 superfamily. Expression of this gene has been shown to be downregulated in tumor progression of human cancers and can be activated by p53 through a consensus binding sequence in the promoter. Its expression and that of p53 are strongly correlated, and the loss of expression of these two proteins is associated with poor survival for prostate cancer patients. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Recommended Dilutions

FC 5 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

3732

Swiss Prot

P27701

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

R2; 4F9; C33; IA4; ST6; GR15; KAI1; SAR2; TSPAN27

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

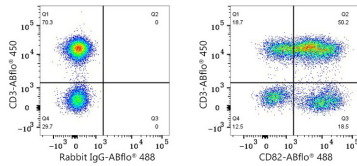
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1×10^6 Human PBMC were surface-stained with ABflo® 450 Rabbit anti-Human/Monkey CD3 mAb (A27177, 5 μ l/Test) and ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, left) or ABflo® 488 Rabbit anti-Human CD82 mAb (A28485, 5 μ l/Test, right). Cells in the lymphocyte gate were used for analysis.