

PerCP/Cyanine5.5 Rabbit anti-Human CD95/FAS mAb

Catalog No.: A28690

Basic Information

Observed MW

Calculated MW

38kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC74903

Conjugate

PerCP-Cy5.5. Ex:482nm. Em:695nm.

Recommended Dilutions

FC 5 μ l per 10^6 cells in
100 μ l volume

Background

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contains a death domain. It has been shown to play a central role in the physiological regulation of programmed cell death, and has been implicated in the pathogenesis of various malignancies and diseases of the immune system. The interaction of this receptor with its ligand allows the formation of a death-inducing signaling complex that includes Fas-associated death domain protein (FADD), caspase 8, and caspase 10. The autoproteolytic processing of the caspases in the complex triggers a downstream caspase cascade, and leads to apoptosis. This receptor has been also shown to activate NF-kappaB, MAPK3/ERK1, and MAPK8/JNK, and is found to be involved in transducing the proliferating signals in normal diploid fibroblast and T cells. Several alternatively spliced transcript variants have been described, some of which are candidates for nonsense-mediated mRNA decay (NMD). The isoforms lacking the transmembrane domain may negatively regulate the apoptosis mediated by the full length isoform.

Immunogen Information

Gene ID

355

Swiss Prot

P25445

Immunogen

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

Synonyms

APT1; CD95; FAS1; APO-1; FASTM; ALPS1A; TNFRSF6

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

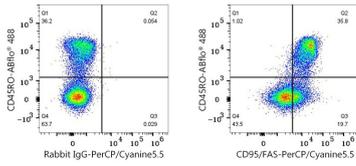
Affinity purification

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® 488 Mouse anti-Human CD45RO mAb (A28179, 5 μ l/Test) and PerCP/Cyanine5.5 Rabbit IgG isotype control (A25620, 5 μ l/Test, left) or PerCP/Cyanine5.5 Rabbit anti-Human CD95/FAS mAb (A28690, 5 μ l/Test, right). Cells in the lymphocyte and monocyte gate were used for analysis.