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APC Rabbit anti-Human CD95/FAS mAb

Catalog No.: A27982

Basic Information

Observed MW

Calculated MW
38kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC74903

Conjugate
APC. Ex:650nm. Em:660nm.

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.

Recommended Dilutions

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

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

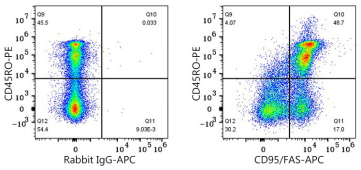
Source
Rabbit

Isotype
IgG

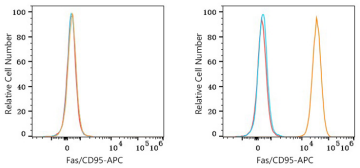
Purification
Affinity purification

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

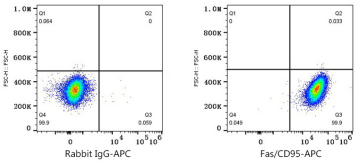
Validation Data



Flow cytometry: 1X10^6 Human PBMC were surface-stained with PE Mouse anti-Human CD45RO mAb (A27415,5 µl/Test) and APC Rabbit IgG isotype control (A24173,5 µl/Test,left) or APC Rabbit anti-Human CD95/FAS mAb (A27982,5 µl/Test,right). Cells in the lymphocyte and monocyte gate were used for analysis.



Flow cytometry: 1X10^6 knockout (KO) HeLa cells (negative control,left) and HeLa cells (right) were surface-stained with APC Rabbit anti-Human Fas/CD95 mAb mAb (A27982,5 µl/Test,orange line) or APC Rabbit IgG isotype control (A24173,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 knockout (KO) HeLa cells (negative control,left) and HeLa cells (right) were surface-stained with APC Rabbit anti-Human Fas/CD95 mAb mAb (A27982,5 µl/Test).