SONY

Product Data Sheet

PerCP/Cy5.5 anti-mouse CD95 (Fas)

Catalog # / Size: 1363050 / 100 µg
1363045 / 25 µg

Clone: SA367H8

Isotype: Mouse IgG1, κ

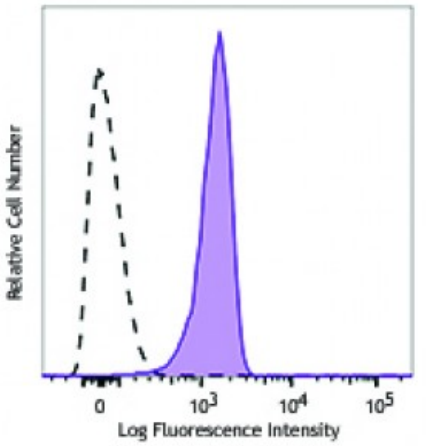
Immunogen: Mouse Fas Transfectants

Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography and conjugated with PerCP/Cy5.5 under optimal conditions. The solution is free of unconjugated PerCP/Cy5.5 and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.2



C57BL/6 thymocytes were stained with CD95 (clone SA367H8) PerCP/Cy5.5 (filled histogram) or mouse IgG1, κ PerCP/Cy5.5 isotype control (open histogram).

Applications:

Applications: Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤0.125 microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.

* PerCP/Cy5.5 has a maximum absorption of 482 nm and a maximum emission of 690 nm.

Description: CD95, also known as Fas, is an approximately 45 kD type I transmembrane protein belonging to the TNFR superfamily (TNFRSF6). The expression of CD95 has been described in various organs, such as thymus, spleen, liver, heart, lung and ovary. Upon ligand (FasL) binding, CD95 forms the death-inducing signaling complex (DISC) intracellularly and induce apoptosis of the cell. CD95-induced apoptosis plays important roles in development, as well as in maintining peripheral tolerance of the immune system.

Antigen References:

1. Ogasawara J, *et al.* 1995. *J. Exp. Med.* 181:485.
2. Ogasawara J, *et al.* 1993. *Nature.* 364:806.
3. Nishimura Y, *et al.* 1995. *J. Immunol.* 154:4395.

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