

PE/Fire™ 640 anti-mouse CD95 (Fas) Antibody

Catalog# / Size	152629 / 25 µg 152630 / 100 µg
Clone	SA367H8
Regulatory Status	RUO
Other Names	Fas, ALPS1A, APO-1, APT1
Isotype	Mouse IgG1, κ
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 maintaining peripheral tolerance of the immune system.

Product Details

Isotype Control	PE/Fire™ 640 Mouse IgG1, κ Isotype Ctrl
Verified Reactivity	Mouse
Antibody Type	Monoclonal
Host Species	Mouse
Immunogen	Mouse Fas Transfectants
Formulation	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide
Preparation	The antibody was purified by affinity chromatography and conjugated with PE/Fire™ 640 under optimal conditions.
Concentration	0.2 mg/mL
Storage & Handling	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Application	FC - Quality tested
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 ≤ 0.25 µg per million cells in 100 µL volume. It is recommended that the reagent be titrated for optimal performance for each application. * PE/Fire™ 640 has a maximum excitation of 566 nm and a maximum emission of 639 nm.
Excitation Laser	Blue Laser (488 nm) Green Laser (532 nm)/Yellow-Green Laser (561 nm)
RRID	AB_3675005 (BioLegend Cat. No. 152629) AB_3675005 (BioLegend Cat. No. 152630)

Antigen Details

Structure	CD95 (Fas) is an approximately 45 kD type I transmembrane protein; cysteine-rich domain, death domain.
Distribution	Thymus, spleen, liver, heart, lung, and ovary.

Function	Induction of apoptosis.
Interaction	Caspase 8, caspase 10, CFLAR, FADD, PDCD6, SUMO1, and TNFRSF6.
Ligand/Receptor	FasL
Biology Area	Apoptosis/Tumor Suppressors/Cell Death, Cell Biology, Immunology
Molecular Family	CD Molecules
Antigen References	<ol style="list-style-type: none"> 1. Ogasawara J, <i>et al.</i> 1995. <i>J Exp Med.</i> 181:485-91. 2. Ogasawara J, <i>et al.</i> 1993. <i>Nature.</i> 364:806-9. 3. Nishimura Y, <i>et al.</i> 1995. <i>J Immunol.</i> 154:4395-403.
Gene ID	14102

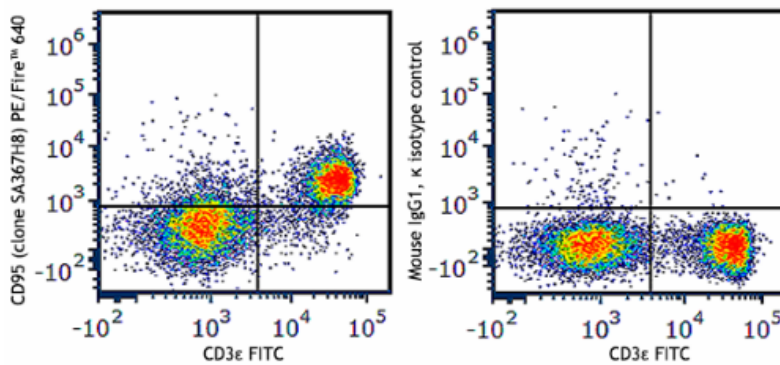
Related Protocols

- [Cell Surface Flow Cytometry Staining Protocol](#)

Other Formats

PE anti-mouse CD95 (Fas), PerCP/Cyanine5.5 anti-mouse CD95 (Fas), APC anti-mouse CD95 (Fas), Purified anti-mouse CD95 (Fas), FITC anti-mouse CD95 (Fas), Brilliant Violet 605™ anti-mouse CD95 (Fas), TotalSeq™-A0917 anti-mouse CD95 (Fas), TotalSeq™-C0917 anti-mouse CD95 (Fas), PE/Cyanine7 anti-mouse CD95 (Fas), Alexa Fluor® 647 anti-mouse CD95 (Fas), TotalSeq™-B0917 anti-mouse CD95 (Fas), APC/Fire™ 810 anti-mouse CD95 (Fas), PE/Dazzle™ 594 anti-mouse CD95 (Fas), PerCP/Fire™ 780 anti-mouse CD95 (Fas), PE/Fire™ 640 anti-mouse CD95 (Fas)

Product Data



C57BL/6 mouse splenocytes were stained with anti-mouse CD3ε (clone 145-2C11) FITC and anti-mouse CD95 (Fas) (clone SA367H8) PE/Fire™ 640 (left) or mouse IgG1, κ PE/Fire™ 640 isotype control (right).

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