

Mouse anti-Human CD95 Antibody | anti-CD95 antibody

Anti-Hu CD95 PE-DyLight 594

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA129194	Mouse	Human	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD95; Anti-Hu CD95 PE-DyLight 594; FAS1; APT1; APO-1; FASTM; ALPS1A; TNFRSF6; Fas cell surface death receptor; anti-CD95 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	Mouse IgG1
Clone Number	LT95
Specificity	The antibody LT95 reacts with an extracellular epitope on CD95 (Fas/APO-1), a 46kDa single chain type I glycoprotein of the tumour necrosis factor/nerve growth factor (TNF/NGF) receptor superfamily, expressed on a variety of normal and neoplastic cells. It seems that the antibody LT95 does not induce Fas mediated apoptosis, although it cross-blocks anti-Fas DX2 antibody that recognizes a functional epitope of Fas molecule.
Purity/Purification	Purified antibody is conjugated with activated tandem dye of R-phycoerythrin-DyLight594 (PE-DyLight594) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS), pH7.4, 15mM sodium azide
Applicable Applications for anti-CD95 antibody	FCM/FACS (Flow Cytometry)
Conjugation	PE-DyLight 594
Immunogen	HUT-78 human T cell lymphoma cell line
Excitation Laser	blue (488 nm)
Preparation and Storage	Store at 2-8 degree C. Protect from prolonged exposure to light. Do not freeze.

ADDITIONAL INFORMATION

Related Product Information for anti-CD95 antibody	CD95 (Fas, APO-1), a 46kDa transmembrane glycoprotein, is a cell death receptor of the TNFR superfamily. Stimulation of CD95 results in aggregation of its intracellular death domains, formation of the death-inducing signaling complex (DISC) and activation of caspases. In type I cells caspase 3 is activated by high amounts of caspase 8 generated at the DISC, in type II cells low concentration of caspase 8 activates pathway leading to the release of cytochrome c from mitochondria and activation of caspase 3 by cytochrom c. Besides its roles in induction of apoptosis, Fas also triggers pro-inflammatory cytokine responses.
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References

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NCBI AND UNIPROT INFORMATION

NCBI GeneID

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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/mouse-human-antibody/cd95/129194>