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30-1991: Anti-CD95 / Fas Monoclonal Antibody (Clone:LT95)-FITC Conjugated

Clonality :	Monoclonal
Clone Name :	LT95
Application :	FACS, IHC
Reactivity :	Human
Conjugate :	FITC
Gene :	FAS
Gene ID :	355
Uniprot ID :	P25445
Alternative Name :	Apo-1 antigen, Apoptosis-mediating surface antigen FAS, FASLG receptor
Isotype :	Mouse IgG1
Immunogen Information :	HUT-78 human T cell lymphoma cell line

Description

CD95 (Fas, APO-1), a 46 kDa 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 cytochom c. Besides its roles in induction of apoptosis, Fas also triggers pro-inflammatory cytokine responses.

Product Info

Amount :	100 tests
Storage condition :	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

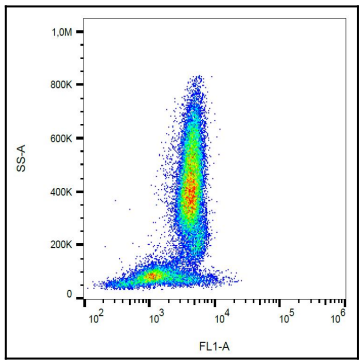


Figure 1: Surface staining of human peripheral blood cells with anti-CD95 (LT95) FITC.

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