

Product datasheet for **AM03061PU-N**

CD95 (FAS) Mouse Monoclonal Antibody [Clone ID: LT95]

Product data:

Product Type:	Primary Antibodies
Clone Name:	LT95
Applications:	FC, IHC
Recommended Dilution:	Flow Cytometry. Immunohistochemistry on Paraffin Sections. <i>Positive tissue: tonsil.</i>
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	HUT-78 Human T cell lymphoma cell line.
Specificity:	The antibody LT95 reacts with CD95 (Fas/APO-1), a 46 kDa 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.
Formulation:	PBS, pH 7.4 State: Purified State: Liquid purified IgG fraction (> 95% pure by SDS-PAGE) Preservative: 15 mM Sodium Azide
Concentration:	lot specific
Purification:	Protein-A Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	Fas cell surface death receptor



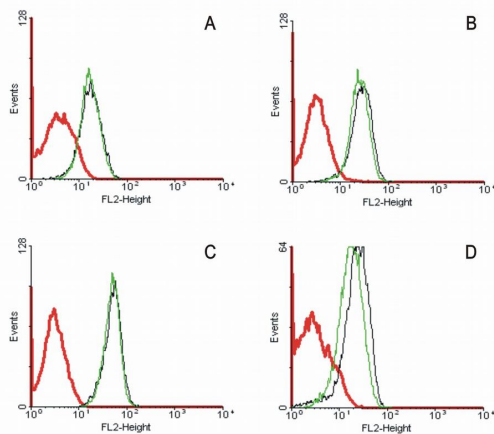
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Database Link: [Entrez Gene 355 Human P25445](#)

Background: 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 cytochrom c. Besides its roles in induction of apoptosis, Fas also triggers pro-inflammatory cytokine responses.

Synonyms: FASLG receptor, Apo-1 antigen, APT1, FAS1, TNFRSF6

Product images:



Flow cytometry analysis of Fas (CD95) expression on the surface of various hematopoietic cell lines with purified anti-human CD95 (LT95) (detection by Goat anti-mouse IgG1 PE). Histograms: Red - Isotype mouse IgG1 control staining Black -- standard anti-CD95 monoclonal antibody (DX2) Green --anti-CD95 (LT95) (A -JURKAT human peripheral blood T cell leukemia cell line; B - RAMOS human Burkitt lymphoma cell line; C - CEM human leukemia cell line; D -MOLT-4 human acute lymphoblastic T cell leukemia cell line)