

Product datasheet for **AM06732PU-N**

CD95 (FAS) Mouse Monoclonal Antibody [Clone ID: 4F8D6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	4F8D6
Applications:	ELISA, FC, WB
Recommended Dilution:	ELISA: 1/10000. Western Blot: 1/500 - 1/2000. Flow Cytometry: 1/200 - 1/400.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of Human FAS expressed in E. Coli.
Specificity:	Recognizes CD95 / FAS
Formulation:	PBS State: Purified State: Liquid purified antibody Stabilizer: 0.5% protein stabilizer Preservative: 0.05% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	37.7 kDa
Gene Name:	Fas cell surface death receptor
Database Link:	Entrez Gene 355 Human P25445



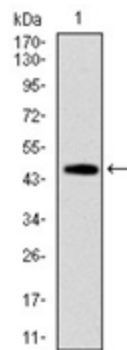
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Background:

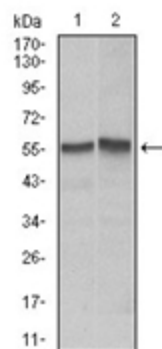
The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contains a death domain. It has been shown to play a central role in the physiological regulation of programmed cell death, and has been implicated in the pathogenesis of various malignancies and diseases of the immune system. The interaction of this receptor with its ligand allows the formation of a death-inducing signaling complex that includes Fas-associated death domain protein (FADD), caspase 8, and caspase 10. The autoproteolytic processing of the caspases in the complex triggers a downstream caspase cascade, and leads to apoptosis. This receptor has been also shown to activate NF-kappaB, MAPK3/ERK1, and MAPK8/JNK, and is found to be involved in transducing the proliferating signals in normal diploid fibroblast and T cells. Several alternatively spliced transcript variants have been described, some of which are candidates for nonsense-mediated mRNA decay (NMD). The isoforms lacking the transmembrane domain may negatively regulate the apoptosis mediated by the full length isoform.

Synonyms:

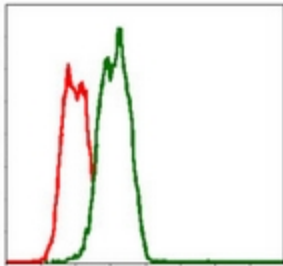
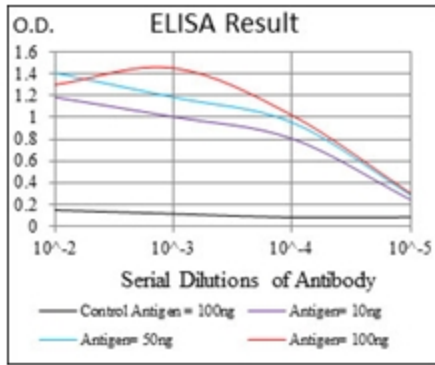
FASLG receptor, Apo-1 antigen, APT1, FAS1, TNFRSF6

Product images:

Western blot analysis using FAS antibody against human FAS (AA: 87-278) recombinant protein (Expected MW is 47.2 kDa)



Western blot analysis using FAS antibody against Hela (1), Jurkat (2) cell lysate.



Flow Cytometric analysis of HeLa cells using FAS antibody (green) and negative control (red).