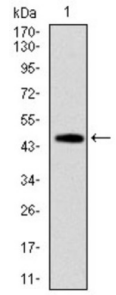
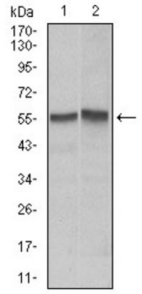
TNF Receptor Superfamily Member 6 / CD95 / TNFRSF6 (FAS) Antibody

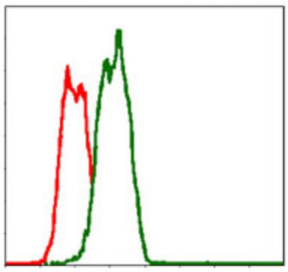
Catalogue No.:abx015855



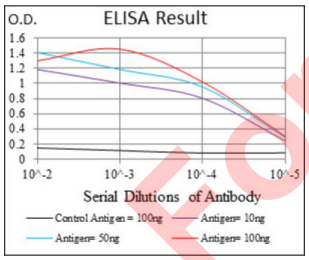
Western blot analysis using FAS antibody against human FAS (AA: 87-278) recombinant protein. (Expected MW is 47.2 kDa).



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).



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

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.

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Target:	TNF Receptor Superfamily Member 6 / CD95 / TNFRSF6 (FAS)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human FAS expressed in E. coli.
Isotype:	IgG_1
Form:	Liquid
Purification:	Purified from ascites by Protein G chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P25445 (UniProt, ExPASy)
Gene Symbol:	FAS
GeneID:	355
OMIM:	134637
HGNC:	11920
KEGG:	hsa:355
Ensembl:	ENSG00000026103
String:	9606.ENSP00000347979
Molecular Weight:	37.7 kDa
Buffer:	PBS, containing 0.05% sodium azide.

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Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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