

Datasheet for ABIN969518

**anti-FAS antibody**

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## Overview

Quantity:	0.1 mg
Target:	FAS
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FAS antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), ELISA, Immunocytochemistry (ICC)

## Product Details

Immunogen:	Purified recombinant fragment of human FAS expressed in E. coli.
Clone:	4F8H6
Isotype:	IgG1
Purification:	purified

## Target Details

Target:	FAS
Alternative Name:	FAS ( <a href="#">FAS Products</a> )
Background:	<p>Description: 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</p>

## Target Details

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.

Aliases: APT1, CD95, FAS1, APO-1, FASTM, ALPS1A, TNFRSF6

Molecular Weight: 37.7 kDa

Gene ID: 355

HGNC: 355

Pathways: [p53 Signaling](#), [Apoptosis](#), [Production of Molecular Mediator of Immune Response](#), [Positive Regulation of Endopeptidase Activity](#)

## Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

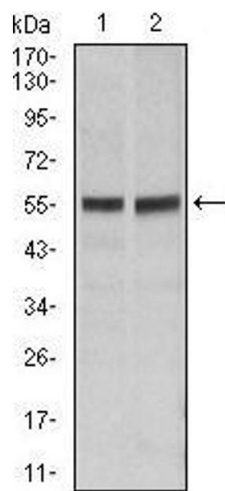
## Publications

Product cited in: Liu, Jung, Orlandi, Yeh, Lin, Shiu, Wu, Chu, Lin, Chu: "The Fas-mediated apoptotic pathway in

cardiac myxoma." in: **International journal of surgical pathology**, Vol. 18, Issue 6, pp. 493-8, (2010) ([PubMed](#)).

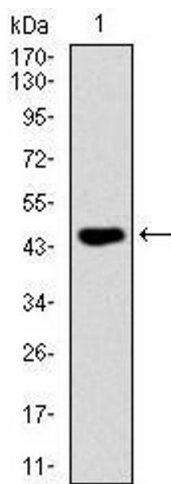
Talmud, Drenos, Shah, Shah, Palmen, Verzilli, Gaunt, Pallas, Lovering, Li, Casas, Sofat, Kumari, Rodriguez, Johnson, Newhouse, Dominiczak, Samani, Caulfield, Sever, Stanton, Shields, Padmanabhan et al.: "Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. ..." in: **American journal of human genetics**, Vol. 85, Issue 5, pp. 628-42, (2009) ([PubMed](#)).

Images



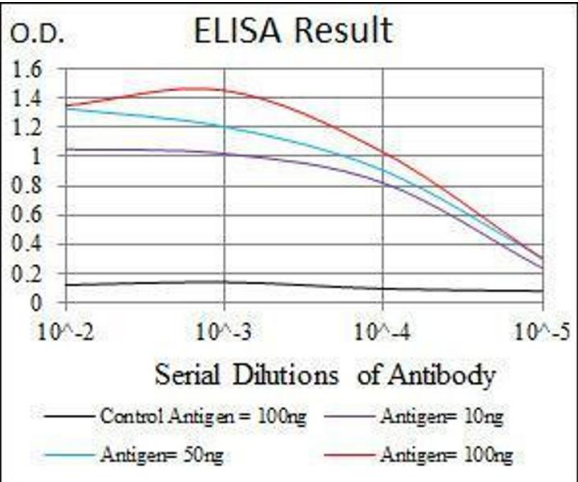
**Western Blotting**

**Image 1.** Western blot analysis using FAS mouse mAb against Hela (1), Jurkat (2) cell lysate.



**Western Blotting**

**Image 2.** Western blot analysis using FAS mAb against human FAS (AA: 87-278) recombinant protein. (Expected MW is 47.2 kDa)



ELISA

**Image 3.** Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN969518.