

Datasheet for ABIN389708
anti-FAS antibody (pTyr291)



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1 Image

Overview

Quantity:	400 µL
Target:	FAS
Binding Specificity:	pTyr291
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAS antibody is un-conjugated
Application:	Dot Blot (DB)

Product Details

Immunogen:	This FAS Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Y291 of human FAS.
Clone:	RB11173
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	FAS
Alternative Name:	FAS (FAS Products)
Background:	FAS is a member of the TNF-receptor superfamily. This receptor contains a death domain. It

Target Details

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.

Molecular Weight: 37732

Gene ID: 355

NCBI Accession: [NP_000034](#), [NP_690610](#), [NP_690611](#)

UniProt: [P25445](#)

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

Application Details

Application Notes: DB: 1:500

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

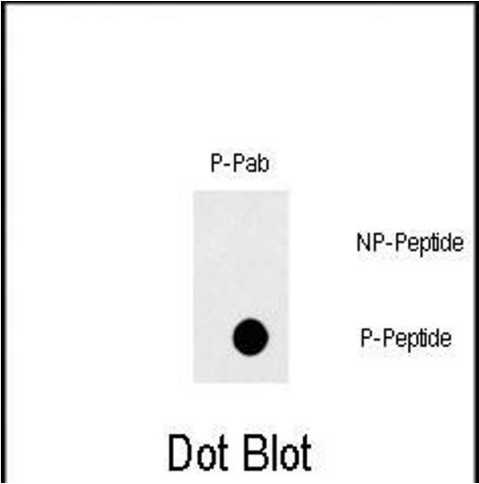
Preservative: Sodium azide

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: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Dot Blot

Image 1. Dot blot analysis of Phospho-FAS- polyclonal antibody (ABIN389708 and ABIN2839663) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentration was 0.5 µg per ml. P-Pab: phospho-antibody, P-Peptide: phospho-peptide, NP-Peptide: non-phospho-peptide.