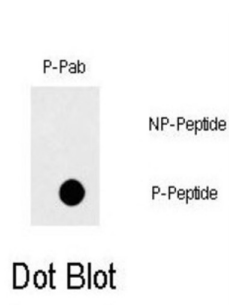


## FAS (pY291) Antibody

Catalogue No.: abx031939



FAS 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.

**Target:** FAS (pY291)

**Clonality:** Polyclonal

**Target Modification:** Tyr291

**Modification:** Phosphorylation

**Reactivity:** Human

**Tested Applications:** ELISA, DB

**Host:** Rabbit

**Recommended dilutions:** DB: 1/500. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** KLH-conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Y291 of human FAS.

**Isotype:** IgG

**Form:** Liquid

# Datasheet

Version: 2.0.0  
Revision date: 08 Oct 2025



<b>Purification:</b>	Purified through a protein A column, followed by two-step phosphospecific peptide affinity purification.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P25445 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>KEGG:</b>	hsa:355
<b>String:</b>	<a href="#">9606.ENSP00000347979</a>
<b>Molecular Weight:</b>	Calculated MW: 37.7 kDa
<b>Buffer:</b>	PBS containing 0.09% sodium azide.
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only