

AP0007

Leader in Biomolecular Solutions for Life Science



## Phospho-Fas-Y291 Rabbit pAb

Catalog No.: AP0007

### Basic Information

**Observed MW**

55kDa

**Calculated MW**

38kDa

**Category**

Mouse Monoclonal Antibody

**Applications**

WB, ELISA

**Cross-Reactivity**

Human

### 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.

### Recommended Dilutions

WB 1:500 - 1:2000

### Immunogen Information

**Gene ID**

355

**Swiss Prot**

P25445

**Immunogen**

A synthetic phosphorylated peptide around Y291 of human FAS (NP\_000034.1).

**Synonyms**

APT1; CD95; FAS1; APO-1; FASTM; ALPS1A; TNFRSF6; Phospho-Fas-Y291

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

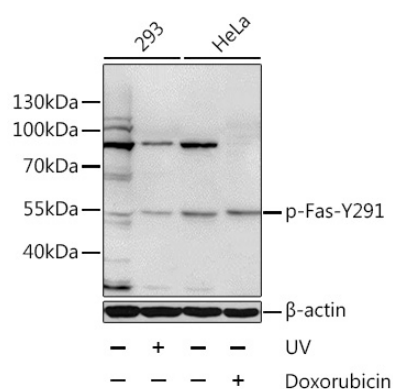
Affinity purification

**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of extracts of 293 and HeLa cells, using Phospho-Fas-Y291 antibody (AP0007) at 1:1000 dilution. 293 cells were treated by UV for 15-30 minutes. HeLa cells were treated by Doxorubicin (0.5uM) for 24 hours.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% BSA.