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Datasheet for ABIN3030902  
**anti-FAS antibody (AA 185-211)**

5 Images

Overview

|                      |   |
|----------------------|---|
| Quantity:            | 0.4 mL  |
| Target:              | FAS   |
| Binding Specificity: | AA 185-211  |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This FAS antibody is un-conjugated                    |
| Application:         | Western Blotting (WB), ELISA, Immunofluorescence (IF) |

Product Details

|               |  |
|---------------|--|
| Immunogen:    | A portion of amino acids 185-211 from the human protein was used as the immunogen for this FAS antibody. |
| Isotype:      | Ig Fraction  |
| Purification: | Antigen affinity purified  |

Target Details

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

## Target Details

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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.

UniProt: [P25445](#)

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

## Application Details

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Application Notes: Titration of the FAS antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,Immunofluorescence: 1:10-1:50

Restrictions: For Research Use only

## Handling

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Format: Liquid

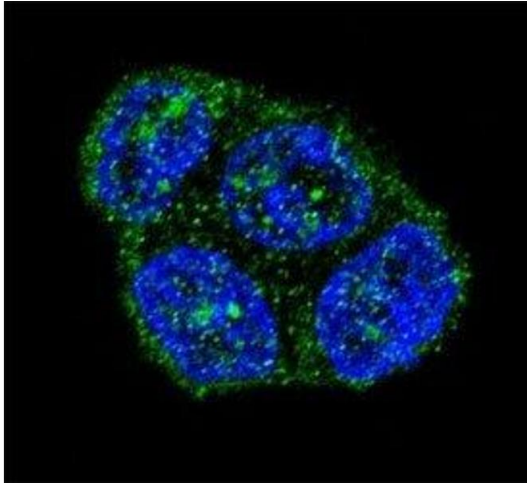
Buffer: In 1X PBS pH 7.4 with 0.09 % sodium azide

Preservative: Sodium azide

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

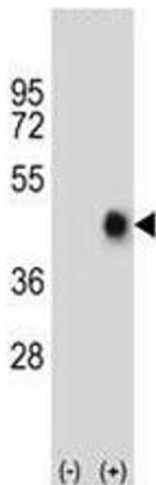
Storage: -20 °C

Storage Comment: Aliquot the FAS antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



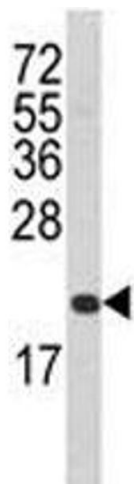
### Immunofluorescence

**Image 1.** Confocal immunofluorescent analysis of FAS antibody with T47D cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



### Western Blotting

**Image 2.** Western blot analysis of FAS antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (2) with the human gene. Expected size ~40 kDa



### Western Blotting

**Image 3.** Western blot analysis of FAS antibody and T47D lysate. Soluble form ~26 kDa, membrane form ~40 kDa

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3030902.