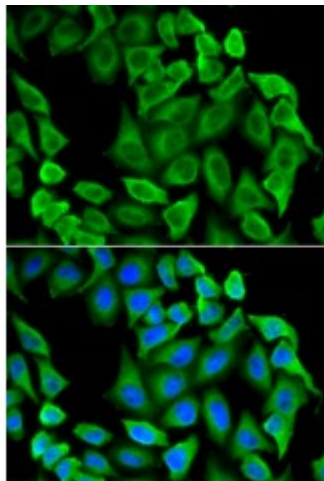


## Anti-FAS Antibody



### 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 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.

<b>Model</b>	STJ114276
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Applications</b>	IF
<b>Immunogen</b>	Recombinant protein of human FAS
<b>Gene ID</b>	<a href="#">355</a>
<b>Gene Symbol</b>	<a href="#">FAS</a>
<b>Dilution range</b>	IF 1:50 - 1:100

<b>Tissue Specificity</b>	Isoform 1 and isoform 6 are expressed at equal levels in resting peripheral blood mononuclear cells, After activation there is an increase in isoform 1 and decrease in the levels of isoform 6
<b>Purification</b>	Affinity purification
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Tumor necrosis factor receptor superfamily member 6 Apo-1 antigen Apoptosis-mediating surface antigen FAS FASLG receptor CD antigen CD95
<b>Molecular Weight</b>	37.732 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Storage Instruction</b>	Store at -20C. Avoid freeze / thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:11920</a> <a href="#">OMIM:134637</a> <a href="#">Reactome:R-HSA-140534</a>
<b>Alternative Names</b>	Tumor necrosis factor receptor superfamily member 6 Apo-1 antigen Apoptosis-mediating surface antigen FAS FASLG receptor CD antigen CD95
<b>Function</b>	Receptor for TNFSF6/FASLG, The adapter molecule FADD recruits caspase-8 to the activated receptor, The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis, FAS-mediated apoptosis may have a role in the induction of peripheral tolerance, in the antigen-stimulated suicide of mature T-cells, or both, The secreted isoforms 2 to 6 block apoptosis (in vitro),
<b>Cellular Localization</b>	Cell membrane
<b>Post-translational Modifications</b>	N- and O-glycosylated, O-glycosylated with core 1 or possibly core 8 glycans,