

# FAS-L Polyclonal Antibody

Catalog # AP74220

## Product Information

Application	IHC-P
Primary Accession	<a href="#">P48023</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31485

## Additional Information

Gene ID	356
Other Names	Tumor necrosis factor ligand superfamily member 6 (Apoptosis antigen ligand) (APTL) (CD95 ligand) (CD95-L) (Fas antigen ligand) (Fas ligand) (FasL) (CD antigen CD178) [Cleaved into: Tumor necrosis factor ligand superfamily member 6, membrane form; Tumor necrosis factor ligand superfamily member 6, soluble form (Receptor-binding FasL ectodomain) (Soluble Fas ligand) (sFasL); ADAM10-processed FasL form (APL); FasL intracellular domain (FasL ICD) (SPPL2A-processed FasL form) (SPA)]
Dilution	IHC-P~~IHC-p 1:50-200, ELISA 1:10000-20000
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

## Protein Information

Name	FASLG
Synonyms	APT1LG1, CD95L, FASL, TNFSF6
Function	Cytokine that binds to TNFRSF6/FAS, a receptor that transduces the apoptotic signal into cells (PubMed: <a href="#">26334989</a> , PubMed: <a href="#">9228058</a> ). Involved in cytotoxic T-cell-mediated apoptosis, natural killer cell-mediated apoptosis and in T-cell development (PubMed: <a href="#">7528780</a> , PubMed: <a href="#">9228058</a> , PubMed: <a href="#">9427603</a> ). Initiates fratricidal/suicidal activation-induced cell death (AICD) in antigen- activated T-cells contributing to the termination of immune responses (By similarity). TNFRSF6/FAS-mediated apoptosis also has a role in the induction of peripheral tolerance (By similarity). Binds to TNFRSF6B/DcR3, a decoy receptor that blocks apoptosis (PubMed: <a href="#">27806260</a> ).
Cellular Location	Cell membrane; Single-pass type II membrane protein. Cytoplasmic vesicle

lumen Lysosome lumen. Note=Is internalized into multivesicular bodies of secretory lysosomes after phosphorylation by FGR and monoubiquitination (PubMed:17164290). Colocalizes with the SPPL2A protease at the cell membrane (PubMed:17557115) [FasL intracellular domain]: Nucleus. Note=The FasL ICD cytoplasmic form is translocated into the nucleus.

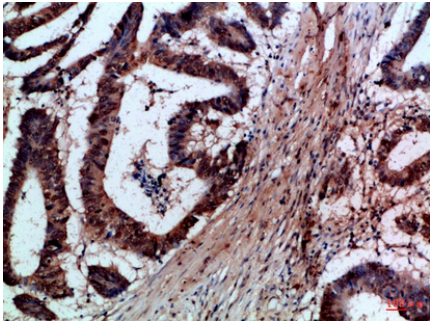
## Background

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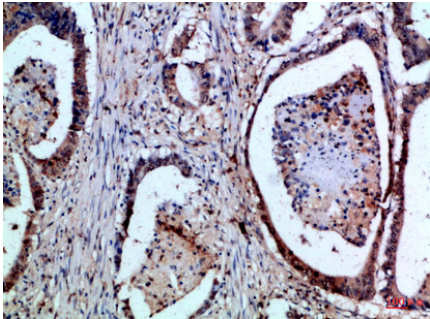
Cytokine that binds to TNFRSF6/FAS, a receptor that transduces the apoptotic signal into cells (PubMed:[26334989](#), PubMed:[9228058](#)). Involved in cytotoxic T-cell-mediated apoptosis, natural killer cell-mediated apoptosis and in T-cell development (PubMed:[9228058](#), PubMed:[7528780](#), PubMed:[9427603](#)). Initiates fratricidal/suicidal activation-induced cell death (AICD) in antigen-activated T-cells contributing to the termination of immune responses (By similarity). TNFRSF6/FAS-mediated apoptosis has also a role in the induction of peripheral tolerance (By similarity). Binds to TNFRSF6B/DcR3, a decoy receptor that blocks apoptosis (PubMed:[27806260](#)).

## Images

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Immunohistochemical analysis of paraffin-embedded Human-colon-cancer, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded Human-colon-cancer, antibody was diluted at 1:100

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