



FAS(C-term) mouse mAb

Catalog No	YP-Ab-00092
Isotype	IgG
Reactivity	Human
Applications	WB
Gene Name	fas
Immunogen	Purified recombinant human FAS (C-terminus) protein fragments expressed in E.coli.
Specificity	This antibody detects endogenous levels of FAS (C-terminus) and does not cross-react with related proteins.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Dilution	wb 1:1000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	FAS;ALPS 1A;ALPS1A;APO 1;Apo 1 antigen;APO 1 cell surface antigen;Apo-1 antigen;APO1;Apo1 antigen;APO1 cell surface antigen;Apoptosis antigen 1; Apoptosis mediating surface antigen FAS;Apoptosis-mediating surface antigen FAS;APT 1;APT1;CD 95;CD 95 antigen;CD95;CD95 antigen;Delta Fas;Delta Fas/APO 1/CD95;Delta Fas/APO1/CD95;Fas (TNF receptor superfamily; member 6);FAS 1;FAS 827dupA;Fas AMA;FAS Antigen;Fas cell surface death receptor;FAS1;FASLG receptor;FASTM;sFAS;Surface antigen APO1;TNF receptor superfamily;member 6;TNFRSF 6;TNFRSF6;TNR6_HUMAN;Tumor necrosis factor receptor superfamily member 6.
Observed Band	45kD
Calculated Molecular Weight	45kD
Cell Pathway	[Isoform 1]: Cell membrane ; Single-pass type I membrane protein . Membrane raft .; [Isoform 2]: Secreted.; [Isoform 3]: Secreted.; [Isoform 4]: Secreted.; [Isoform 5]: Secreted.; [Isoform 6]: Secreted.
Tissue Specificity	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.



Function

disease: Defects in FAS are the cause of autoimmune lymphoproliferative syndrome type 1A (ALPS1A) [MIM:601859]; also known as Canale-Smith syndrome (CSS). ALPS is a childhood syndrome involving hemolytic anemia and thrombocytopenia with massive lymphadenopathy and splenomegaly., domain: Contains a death domain involved in the binding of FADD, and maybe to other cytosolic adapter proteins., function: 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 vit

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, s

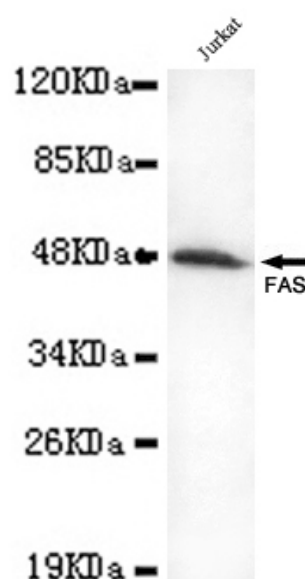
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot detection of FAS(C-terminus) in Jurkat cell lysates using FAS(C-terminus) mouse mAb (1:1000 diluted). Predicted band size: 45KDa. Observed band size: 45KDa.