

FAS (C-terminus) Antibody

Purified Mouse Monoclonal Antibody (Mab)

Catalog # AP52701

Product Information

Application	WB
Primary Accession	P25445
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	37732

Additional Information

Gene ID	355
Other Names	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;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.
Dilution	WB~~1:1000
Format	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.09% (W/V) sodium azide, 50% glycerol
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	FAS
Synonyms	APT1, FAS1, TNFRSF6
Function	Receptor for TNFSF6/FASLG. The adapter molecule FADD recruits caspase CASP8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs CASP8 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).

Cellular Location

[Isoform 1]: Cell membrane; Single-pass type I membrane protein. Membrane raft [Isoform 3]: Secreted. [Isoform 5]: Secreted.

Tissue Location

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.

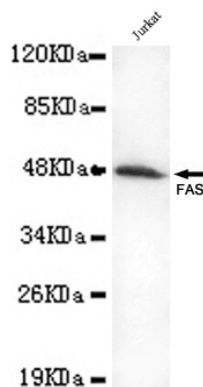
Background

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).

References

Itoh N., et al. Cell 66:233-243(1991).
Oehm A., et al. J. Biol. Chem. 267:10709-10715(1992).
Liu C., et al. Biochem. J. 310:957-963(1995).
Cascino I., et al. J. Immunol. 154:2706-2713(1995).
Cascino I., et al. J. Immunol. 156:13-17(1996).

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.