

**FAS (C-terminus) Antibody**  
**Purified Mouse Monoclonal Antibody (Mab)**  
**Catalog # AP52701****Specification**

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**FAS (C-terminus) Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P25445</a>
Reactivity	<b>Human</b>
Host	<b>Mouse</b>
Clonality	<b>Monoclonal</b>
Isotype	<b>IgG1</b>
Calculated MW	<b>45 KDa</b>

**FAS (C-terminus) Antibody - 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

**FAS (C-terminus) Antibody - 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

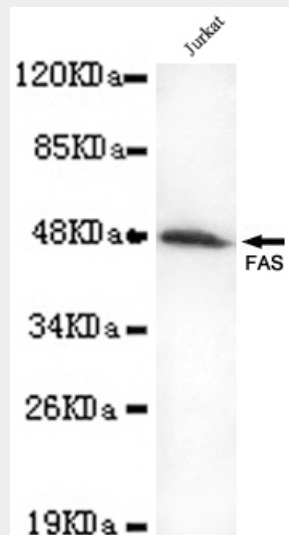
Isoform 1 and isoform 6 are expressed at equal levels in resting peripheral blood mononuclear cells. After activation there is an increase in isoform 1 and decrease in the levels of isoform 6.

### FAS (C-terminus) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### FAS (C-terminus) Antibody - 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.

### FAS (C-terminus) Antibody - 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).

### **FAS (C-terminus) Antibody - 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).  
Casino I., et al. J. Immunol. 154:2706-2713(1995).  
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