

**Anti-Fas Antibody**  
**Mouse Monoclonal Antibody**  
**Catalog # AP53479**

**Specification**

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**Anti-Fas Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P25445</a>
Other Accession	<a href="#">NM_000043</a>
Reactivity	<b>Human, Rat</b>
Host	<b>Mouse</b>
Clonality	<b>Monoclonal</b>
Isotype	<b>IgG2b</b>
Immunogen	<b>Purified recombinant human Fas protein expressed in E.coli.</b>
Purification	<b>Affinity purified</b>
Calculated MW	<b>45KDa KDa</b>

**Anti-Fas 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 antibody in PBS(pH 7.4) containing with 0.09% (W/V) sodium azide and 50% glycerol.

**Storage**

Store at -20 °C.Stable for 12 months from date of receipt

**Anti-Fas 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

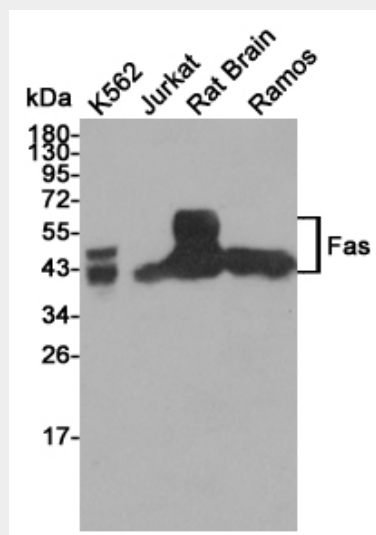
Isoform 1 and isoform 6 are expressed at equal levels in resting peripheral blood mononuclear cells. After activation there is an increase in isoform 1 and decrease in the levels of isoform 6.

### Anti-Fas 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](#)

### Anti-Fas Antibody - Images



Western blot detection of Fas in K562, Jurkat, Rat Brain and Ramos cell lysates using Fas mouse mAb (1:1000 diluted). Predicted band size: 45KDa. Observed band size: 45KDa.

### Anti-Fas 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 (aspartat