

**CD95 / FAS Antibody (Internal)**  
**Goat Polyclonal Antibody**  
**Catalog # ALS13384****Specification**

---

**CD95 / FAS Antibody (Internal) - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P25445</a>
Reactivity	<b>Human</b>
Host	<b>Goat</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>38kDa KDa</b>

**CD95 / FAS Antibody (Internal) - Additional Information****Gene ID** 355**Other Names**

Tumor necrosis factor receptor superfamily member 6, Apo-1 antigen, Apoptosis-mediating surface antigen FAS, FASLG receptor, CD95, FAS, APT1, FAS1, TNFRSF6

**Target/Specificity**

Human FAS / CD95. This antibody is expected to recognize reported isoforms 1 (NP\_000034.1), 2 (NP\_690610.1) and 3 (NP\_690611.1).

**Reconstitution & Storage**

Store at -20°C. Minimize freezing and thawing.

**Precautions**

CD95 / FAS Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

**CD95 / FAS Antibody (Internal) - 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.

#### CD95 / FAS Antibody (Internal) - 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](#)

#### CD95 / FAS Antibody (Internal) - Images



FAS antibody (0.1 ug/ml) staining of MOLT4 lysate (35 ug protein in RIPA buffer).

#### CD95 / FAS Antibody (Internal) - 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).

#### CD95 / FAS Antibody (Internal) - 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).