

FAS / CD95 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3017a**Specification**

FAS / CD95 Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	P25445
Other Accession	NP_000034.1 , NP_690610.1 , NP_690611.1 , 355
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	37732

FAS / CD95 Antibody (internal region) - 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

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

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

FAS / CD95 Antibody (internal region) - 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 / CD95 Antibody (internal region) - 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 / CD95 Antibody (internal region) - Images



AF3017a (0.1 µg/ml) staining of MOLT4 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

FAS / CD95 Antibody (internal region) - Background

This antibody is expected to recognize reported isoforms 1 (NP_000034.1), 2 (NP_690610.1) and 3 (NP_690611.1).

FAS / CD95 Antibody (internal region) - References

Reduced FAS transcription in clones of U937 cells that have acquired resistance to Fas-induced apoptosis. Blomberg J, Ruuth K, Jacobsson M, Höglund A, Nilsson JA, Lundgren E, FEBS J. 2009 Jan 276 (2): 497-508 PMID: 19076218