

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

Specification

CD95 / FAS Antibody (Internal) - Product Information

Application	WB
Primary Accession	P25445
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	38kDa KDa

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).
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