

CD95 / FAS / TNFRSF6 Antibody - With BSA and Azide
Mouse Monoclonal Antibody [Clone B-R18]
Catalog # AH11572

Specification

CD95 / FAS / TNFRSF6 Antibody - With BSA and Azide - Product Information

Application	,13,3,4,
Primary Accession	P25445
Other Accession	355 , 244139
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG1, kappa
Calculated MW	38-50kDa KDa

CD95 / FAS / TNFRSF6 Antibody - With BSA and Azide - 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

Storage

Store at 2 to 8°C. Antibody is stable for 24 months.

Precautions

CD95 / FAS / TNFRSF6 Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

CD95 / FAS / TNFRSF6 Antibody - With BSA and Azide - 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 / TNFRSF6 Antibody - With BSA and Azide - 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 / TNFRSF6 Antibody - With BSA and Azide - Images

CD95 / FAS / TNFRSF6 Antibody - With BSA and Azide - Background

MAb B-R18 specifically recognizes CD95, also known as Fas, a transmembrane glycoprotein with a MW of 40-45kDa, containing 8kDa of N-glycosidic-linked polysaccharide. It is a receptor for TNFSF6/FASLG, a member of the nerve growth factor receptor/tumor necrosis factor superfamily, mediating receptor-triggered apoptosis. 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 antigen is expressed on the surface of various cell types, preferentially on the CD45RA^{low} CD45RO^{high} subset of memory T lymphocytes.

CD95 / FAS / TNFRSF6 Antibody - With BSA and Azide - References

Sasaki et al. Br J Urol 81: 852, 1998. | Sugihara et al. Anticancer Res 17: 3861, 1997. | Kondo et al. J Pathol 183: 75, 1997