
FAS Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250645

Unit: 0.1 mg

Description:

The FAS antigen (CD95) is a 40-50 kDa cell surface glycoprotein that belongs to the nerve growth factor/tumor necrosis factor (TNF) receptor family. FAS is a receptor for TNFSF6/FASL. The adaptor 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. Defects in FAS are the cause of autoimmune lymphoproliferative syndrome type 1A (ALPS1A), a childhood syndrome involving hemolytic anemia and thrombocytopenia.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: FAS; Apo-1; CD95; TNFR superfamily member; FasL receptor; Tumor necrosis factor receptor superfamily member 6; FASLG receptor; Apoptosis-mediating surface antigen FAS; Apo-1 antigen

Accession No.: Q63199

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of rat FAS.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.