

Fas (ANT0028R) Rabbit mAb

CatalogNo: ANT8071 **Recombinant** 

Formulation: PBS,50%glycerol,0.05%Proclin 300,0.05%BSA
Quantity : 100 ug/vial

Host Species

- Rabbit
- Human,
- WB,IHC,IF,IP,ELISA

Reactivity

Applications

MW

- 38kD (Calculated)
 - IgG,Kappa
- 40kD (Observed)

Isotype

Recommended Dilution Ratios

IHC 1:200-1:1000

WB 1:1000-1:5000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200,

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Basic Information

Clonality Monoclonal

Clone Number ANT0028R

Target Information

Endogenous

Gene name FAS
Protein Name Tumor necrosis factor receptor superfamily member 6

Organism	Gene ID	UniProt ID
Human	355;	P25445;
Mouse		P25446;

Cellular Localization Membranous

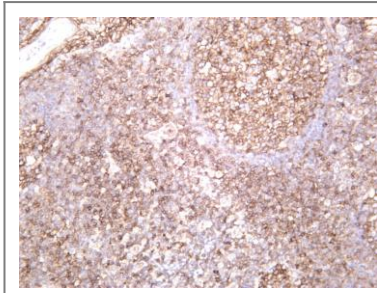
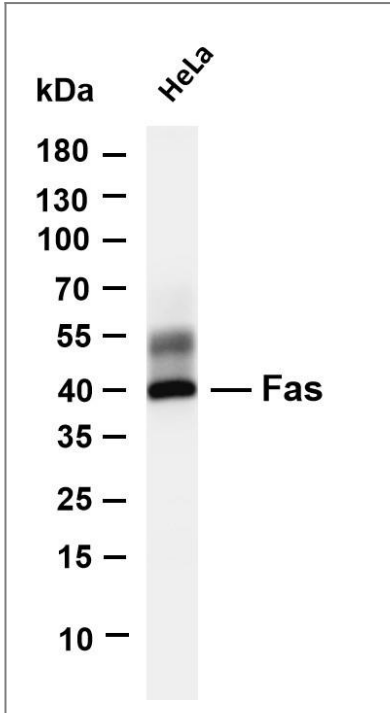
Tissue specificity Isoform 1 and isoform 6 are expressed at equal levels in resting peripheral blood mononuclear cells. After activation there is an increase in isoform 1 and decrease in the levels of isoform 6.

Function Disease:Defects in FAS are the cause of autoimmune lymphoproliferative syndrome type 1A (ALPS1A) [MIM:601859]; also known as Canale-Smith syndrome (CSS). ALPS is a childhood syndrome involving hemolytic anemia and thrombocytopenia with massive lymphadenopathy and splenomegaly.,Domain:Contains a death domain involved in the binding of FADD, and maybe to other cytosolic adapter proteins.,Function: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).,online information:Mutations in TNFRSF6 causing ALPS type Ia,similarity:Contains 1 death domain.,similarity:Contains 3 TNFR-Cys repeats.,subunit:Binds DAXX. Interacts with HIPK3. Part of a complex containing HIPK3 and FADD (By similarity). Binds RIPK1 and FAIM2. Interacts with BRE and FEM1B.,tissue specificity: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.,

Validation

Data

Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Fas (ANT0028R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HeLa Predicted band size: 38kDa
Observed band size: 40kDa



Human tonsil was stained with anti-Fas (ANT0028R) rabbit antibody

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