

## Fas Rabbit pAb

CatalogNo: YT5526

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, ELISA

#### MW

- 37kD (Observed)

#### Isotype

- IgG

### | Recommended Dilution Ratios

**WB 1:500-1:2000**

**ELISA 1:20000**

**Not yet tested in other applications.**

### | Storage

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

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### | Basic Information

**Clonality** Polyclonal

### | Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from the Internal region of human Fas. AA range: 51-100

**Specificity** Fas Polyclonal Antibody detects endogenous levels of Fas protein.

### | Target Information

| Gene name             | FAS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |         |            |       |                       |                          |       |  |                          |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------|------------|-------|-----------------------|--------------------------|-------|--|--------------------------|
| Protein Name          | Tumor necrosis factor receptor superfamily member 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |         |            |       |                       |                          |       |  |                          |
|                       | <table><tr><th>Organism</th><th>Gene ID</th><th>UniProt ID</th></tr><tr><td>Human</td><td><a href="#">355</a>;</td><td><a href="#">P25445</a>;</td></tr><tr><td>Mouse</td><td></td><td><a href="#">P25446</a>;</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Organism                 | Gene ID | UniProt ID | Human | <a href="#">355</a> ; | <a href="#">P25445</a> ; | Mouse |  | <a href="#">P25446</a> ; |
| Organism              | Gene ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | UniProt ID               |         |            |       |                       |                          |       |  |                          |
| Human                 | <a href="#">355</a> ;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">P25445</a> ; |         |            |       |                       |                          |       |  |                          |
| Mouse                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">P25446</a> ; |         |            |       |                       |                          |       |  |                          |
| Cellular Localization | [Isoform 1]: Cell membrane ; Single-pass type I membrane protein . Membrane raft .; [Isoform 2]: Secreted.; [Isoform 3]: Secreted.; [Isoform 4]: Secreted.; [Isoform 5]: Secreted.; [Isoform 6]: Secreted.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |         |            |       |                       |                          |       |  |                          |
| 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

## Contact information

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Please scan the QR code  
 to access additional  
 product information:  
**Fas Rabbit pAb**

