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# Fas Antibody

Rabbit mAb
Catalog # AP91031

## Product Information

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|---|---|
| **Application** | WB, IHC, IF, FC, ICC, IHF |
| **Primary Accession** | P25445 |
| **Reactivity** | Human |
| **Clonality** | Monoclonal |
| **Other Names** | FAS; ALPS1A; APO-1; APT1; CD95; FAS1; FASTM; TNFRSF6; |
| **Isotype** | Rabbit IgG |
| **Host** | Rabbit |
| **Calculated MW** | 37732 |

## Additional Information

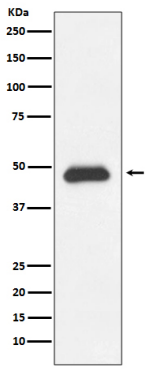
| | |
|---|---|
| **Dilution** | WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 FC 1:50 |
| **Purification** | Affinity-chromatography |
| **Immunogen** | A synthesized peptide derived from human Fas |
| **Description** | Receptor for TNFSF6/FASLG. The adapter molecule FADD recruits caspase-8 to the 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. |
| **Storage Condition and Buffer** | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |

## 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.

## Images




Western blot analysis of Fas expression in Ramos cell lysate.

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