

## Recombinant Fas Monoclonal Antibody

catalog number: E-AB-81556

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

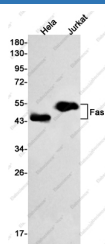
|                     |                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>   | Human                                                                                               |
| <b>Immunogen</b>    | A synthetic peptide of human Fas                                                                    |
| <b>Host</b>         | Rabbit                                                                                              |
| <b>Isotype</b>      | Rabbit IgG                                                                                          |
| <b>Clone</b>        | C323342                                                                                             |
| <b>Purification</b> | Affinity Purified                                                                                   |
| <b>Buffer</b>       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein. |

### Applications

### Recommended Dilution

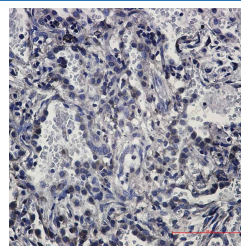
|            |              |
|------------|--------------|
| <b>WB</b>  | 1:500-1:1000 |
| <b>IHC</b> | 1:50-1:100   |

### Data



Western blot detection of Fas in HeLa, Jurkat cell lysates using Fas Rabbit mAb (1:500 diluted). Predicted band size: 38 kDa. Observed band size: 45 kDa.

**Observed-MW: 45 kDa**  
**Calculated-MW: 38 kDa**



Immunohistochemistry of Fas in paraffin-embedded Human lung cancer tissue using Fas Rabbit mAb at dilution 1:50

### Preparation & Storage

|                 |                                                                                                          |
|-----------------|----------------------------------------------------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.                                          |
| <b>Shipping</b> | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

### Background

FAS, also named as CD95, APO-1, APT1, FAS1 and TNFRSF6, is a receptor for TNFSF6/FASLG. It is a cell surface receptor belonging to the TNF receptor superfamily, can mediate apoptosis by ligation with an agonistic anti-Fas antibody or Fas ligand. Stimulation of Fas results in the aggregation of its intracellular death domains, leading to the formation of the death-inducing signaling complex (DISC). 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). This anti-Fas monoclonal antibody can be used to induce apoptosis in cell cultures through Fas by imitating the Fas-ligand.

### For Research Use Only

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