

# Recombinant Fas Monoclonal Antibody

Catalog Number:E-AB-81556



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

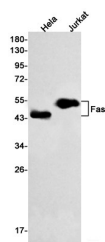
## Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	A synthetic peptide of human Fas
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	R02-8I7
<b>Purification</b>	Affinity Purified
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein

## Applications Recommended Dilution

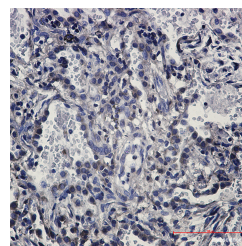
<b>WB</b>	1:500-1:1000
<b>IHC</b>	1:50-1:100

## Data



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

**Observed Mw: 45kDa**  
**Calculated Mw: 38kDa**



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

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## 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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