

Recombinant Fas Monoclonal Antibody

catalog number: E-AB-81556

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

Description

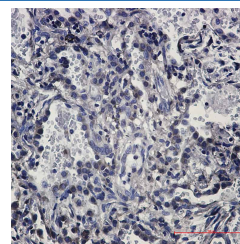
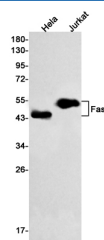
Reactivity	Human
Immunogen	A synthetic peptide of human Fas
Host	Rabbit
Isotype	IgG
Clone	R02-817
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications

Recommended Dilution

WB	1:500-1:1000
IHC	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.

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

Observed-MW:45 kDa

Calculated-MW:38 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	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.

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