ELK Biotechnology

FADD (phospho Ser194) rabbit pAb

Cat No.:ES7875

For research use only

Overview

Product Name	FADD (phospho Ser194) rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human FADD around the phosphorylation site of Ser194. AA range:159-208
Specificity	Phospho-FADD (S194) Polyclonal Antibody detects endogenous levels of FADD protein only when phosphorylated at S194.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Protein FADD
Gene Name	FADD
Cellular localization	cytoplasm,cytosol,plasma membrane,death-inducing signaling complex,CD95 death-inducing signaling complex,neuron projection,cell body,membrane raft,ripoptosome,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	28kD
Human Gene ID	8772
Human Swiss-Prot Number	Q13158
Alternative Names	FADD; MORT1; GIG3; Protein FADD; FAS-associated death domain protein; FAS-associating death domain-containing protein; Growth-inhibiting gene

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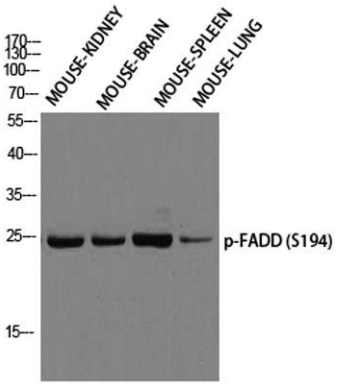
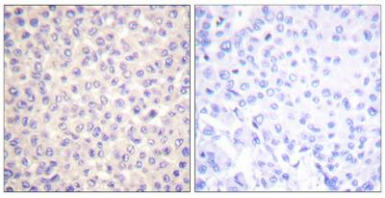
Background

3 protein; Mediator of receptor induced toxicity
The protein encoded by this gene is an adaptor molecule that interacts with various cell surface receptors and mediates cell apoptotic signals. Through its C-terminal death domain, this protein can be recruited by TNFRSF6/Fas-receptor, tumor necrosis factor receptor, TNFRSF25, and TNFSF10/TRAIL-receptor, and thus it participates in the death signaling initiated by these receptors. Interaction of this protein with the receptors unmasks the N-terminal effector domain of this protein, which allows it to recruit caspase-8, and thereby activate the cysteine protease cascade. Knockout studies in mice also suggest the importance of this protein in early T cell development. [provided by RefSeq, Jul 2008],



Western blot analysis of MOUSE-KIDNEY MOUSE-BRAIN MOUSE-SPLEEN MOUSE-LUNG using p-FADD (S194) antibody. Antibody was diluted at 1:1000



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using FADD (Phospho-Ser194) Antibody. The picture on the right is blocked with the phospho peptide.

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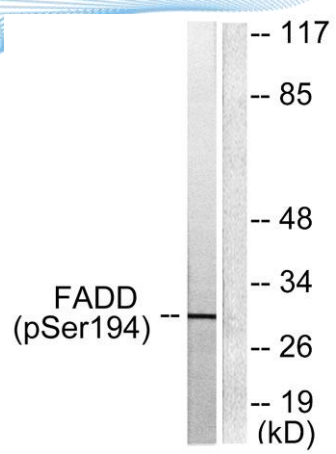

Western blot analysis of lysates from HeLa cells treated with Paclitaxel 1uM 60', using FADD (Phospho-Ser194) Antibody. The lane on the right is blocked with the phospho peptide.

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