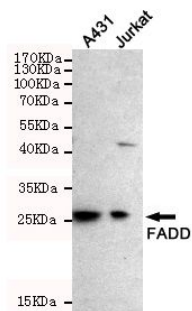




FADD

Mouse monoclonal Antibody

#53319

Catalog Number: 53319**Amount:** 100µg/100µl**Swiss-Prot No. :** Q13158**Gene name:** fadd**Gene id:** 8772**Clone Number:** 7C4-F12-F1**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human FADD protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of FADD and does not cross-react with related proteins**Reactivity:** Human**Applications:** Predicted MW: 23kd WB: 1:1000

Western blot detection of FADD in A431 and Jurkat cell lysates using FADD mouse mAb (1:1000 diluted). Predicted band size: 23KDa. Observed band size: 23KDa.

Background:

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.