

# Anti-FADD Monoclonal Antibody

Cat: AC50513

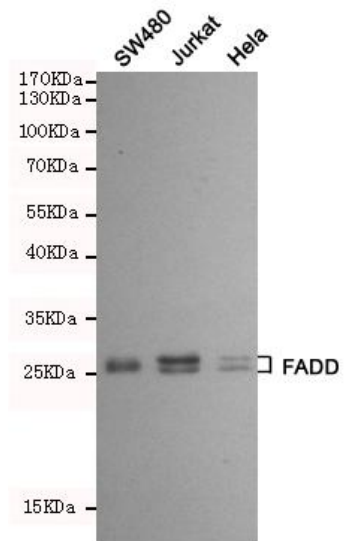
## Summary:

- 【Product name】** : Anti-FADD antibody      **【Source】** : Mouse  
**【Isotype】** : IgG1      **【Species reactivity】** : Human  
**【Swiss Prot】** : Q13158      **【Gene ID】** : 8772  
**【Calculated】** : MW:28kDa      **【Observed】** : MW:26/28kDa  
**【Purification】** : Affinity purification  
**【Tested applications】** : WB  
**【Recommended dilution】** : WB 1:200-1000.  
**【WB Positive sample】** : SW480, Jurkat and Hela cell lysates  
**【Subcellular location】** : Cytosol Nucleus Plasma Membrane  
**【Immunogen】** : Recombinant human FADD protein.  
**【Storage】** : Shipped at 4°C. Upon delivery aliquot and store at -20°C

## 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 unmask 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.

## Verified picture



Western blot analysis with FADD antibody  
diluted at 1:500