

Product datasheet for **TA346944**

FADD Mouse Monoclonal Antibody [Clone ID: 7C4-F12-F1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	7C4-F12-F1
Applications:	WB
Recommended Dilution:	WB: 1:1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	The immunogen for FADD antibody: purified recombinant human FADD protein fragments expressed in E.coli.
Formulation:	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.02% sodium azide, 50% glycerol
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	23 kDa
Gene Name:	Fas associated via death domain
Database Link:	NP_003815 Entrez Gene 8772 Human Q13158



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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. [provided by RefSeq, Jul 2008]

Synonyms:

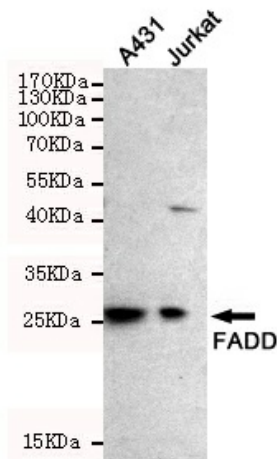
GIG3; MORT1

Protein Families:

Druggable Genome

Protein Pathways:

Alzheimer's disease, Apoptosis, Pathways in cancer, RIG-I-like receptor signaling pathway, Toll-like receptor signaling pathway

Product images:

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.