9051 Mira Mesa Blvd, #910094
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# FADD Antibody

*Fas-Associated Death Domain, Mouse Anti Human*
*ABM0244*

## Product Overview

| | |
|---|---|
| Name | FADD Antibody |

**Description**

Fas-Associated Death Domain, Mouse Anti Human

**Synonyms**

GIG3, MORT1, MGC8528, FADD, Fas (TNFRSF6)-associated via death domain, Protein FADD, FAS-associated death domain protein, FAS-associating death domain-containing protein, Mediator of receptor induced toxicity, Growth-inhibiting gene 3 protein.

**Introduction**

FADD is an adaptor protein that cooperates with a variety of cell surface receptors and mediates cell apoptotic signals. Using its C-terminal death domain, FADD is recruited by TNFRSF6/Fas-receptor, tumor necrosis factor receptor, TNFRSF25, and TNFSF10/TRAIL-receptor, and consequently it take parts in the death signaling initiated by these receptors. FADD interaction with the receptors reviels the N-terminal effector domain of, which allows it to recruit caspase-8, and thus initiate the cysteine protease cascade. Knockout studies in mice furthermore propose the significance of FADD in premature T cell development. FADD plays a role in survival/proliferation and cell cycle development. FADD also takes part in cellular sublocalization, protein phosphorylation, and inhibitory molecules.

**Source**

Escherichia Coli.

**Physical Appearance**

Sterile filtered colorless solution.

**Formulation**

The FADD protein solution contains 20mM Tris-HCl, pH-8, and 10% glycerol.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Purity**

Greater than 95.0% as determined by SDS-PAGE.

**Amino acid sequence**

MRGSHHHHHHGMASMTGGQQ MGRDLYDDDD KDRWGS MDPF LVLLHSVSSS LSSSELTELK FLCLGRVGKR

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KLERVQSGLD LFSMLLEQND LEPGHTELLR ELLASLRRHD LLRRVDDFEA GAAAGAAPGE EDLCAAFNVI CDNVGKDWRR LARQLKVSDT KIDSIEDRYP RNLTERVRES LRIWKNTEKE NATVAHLVGA LRSCQMNLVA DLVQEVQQAR DLQNRSGAMS PMSWNSDAST SEAS.

**Precautions**

FADD Antibody is for research use only and not for use in diagnostic or therapeutic procedures.