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FADD Antibody (Clone T1B)

Mouse Monoclonal Antibody
Catalog # ABV10003

Specification

FADD Antibody (Clone T1B) - Product Information

Application	**WB, IF**
Primary Accession	Q13158
Other Accession	NM_003824
Reactivity	**Human, Mouse, Dog**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**Mouse IgG1**
Calculated MW	**23279**

FADD Antibody (Clone T1B) - Additional Information

Gene ID 8772

Application & Usage	**Western blot analysis (1-4 µg/ml). The antibody detects 28 kDa protein, corresponding to the apparent molecular weight of FADD in SDS-PAGE However, the optimal conditions should be determined individually. HeLa cell lysate can be used as a positive control.immunoblots from samples of human and mouse origins.**

Other Names
FAS-associated death domain protein, GIG3, MGC8528, MORT1

Target/Specificity
FADD

Antibody Form
Liquid

Appearance
Colorless liquid

Formulation
100 µg (200 µg/ml) affinity purified antibody in PBS containing 30% glycerol, 0.5% BSA and 0.01% thimerosal

Handling
The antibody solution should be gently mixed before use.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
FADD Antibody (Clone T1B) is for research use only and not for use in diagnostic or therapeutic procedures.

FADD Antibody (Clone T1B) - Protein Information

Name FADD {ECO:0000303|PubMed:7538907, ECO:0000312|HGNC:HGNC:3573}

Function
Apoptotic adapter molecule that recruits caspases CASP8 or CASP10 to the activated FAS/CD95 or TNFRSF1A/TNFR-1 receptors (PubMed:7538907, PubMed:23955153, PubMed:19118384, PubMed:20935634, PubMed:16762833, PubMed:24025841, PubMed:9184224). The resulting aggregate called the death-inducing signaling complex (DISC) performs CASP8 proteolytic activation (PubMed:7538907, PubMed:19118384, PubMed:20935634, PubMed:16762833, PubMed:9184224). Active CASP8 initiates the subsequent cascade of caspases mediating apoptosis (PubMed:16762833). Involved in interferon-mediated antiviral immune response, playing a role in the positive regulation of interferon signaling (PubMed:21109225).

Tissue Location
Expressed in a wide variety of tissues, except for peripheral blood mononuclear leukocytes.

FADD Antibody (Clone T1B) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FADD Antibody (Clone T1B) - Images

FADD Antibody (Clone T1B) - Background

Fas-associating death domain containing protein (FADD), also known as mediator of receptor induced toxicity (MORT1), is a 24 kDa cytosolic protein. The protein is involved in both Fas and

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TNF-R induced cell death pathway. FADD specifically binds to Fas, an association mediated by their homologous death domains. Overexpression of FADD induces apoptosis that can be inhibited by CrmA, a poxvirus protein that blocks both Fas- and TNF-induced cell death.