10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-FADD Monoclonal Antibody

Catalog # ABO14529

Product Information

Application	WB, IHC, IF, ICC, IP, FC
Primary Accession	Q13158
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-FADD Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human.

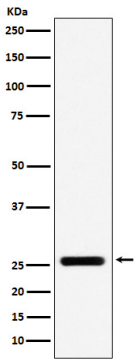
Additional Information

Gene ID	8772
Other Names	FAS-associated death domain protein, FAS-associating death domain-containing protein, Growth-inhibiting gene 3 protein {ECO:0000303|Ref.3}, Mediator of receptor induced toxicity, FADD {ECO:0000303|PubMed:7538907, ECO:0000312|HGNC:HGNC:3573}
Calculated MW	23279
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: ADDB-6
Immunogen	A synthesized peptide derived from human FADD Apoptotic adaptor molecule that recruits caspase-8 or caspase-10 to the activated Fas (CD95) or TNFR-1 receptors. The resulting aggregate called the death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation. Active caspase-8 initiates the subsequent cascade of caspases mediating apoptosis.
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

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:16762833, PubMed:19118384, PubMed:20935634, PubMed:23955153, PubMed:24025841, PubMed:7538907, PubMed:9184224). The resulting aggregate called the death-inducing signaling complex (DISC) performs CASP8 proteolytic activation (PubMed:16762833, PubMed:19118384, PubMed:20935634, PubMed:7538907, 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, PubMed:24204270).
Cellular Location	Cytoplasm.
Tissue Location	Expressed in a wide variety of tissues, except for peripheral blood mononuclear leukocytes.

Images



Western blot analysis of FADD expression in A431 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.