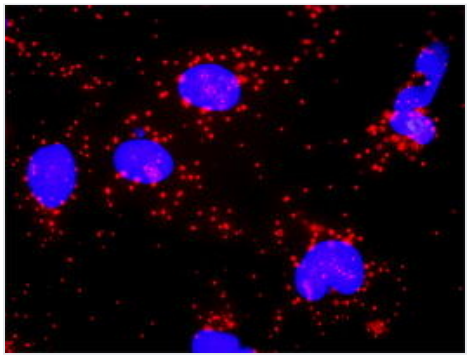
FADD Antibody – Rabbit Polyclonal

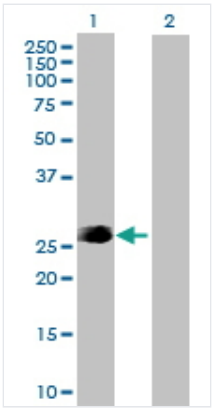
PRODUCT OVERVIEW

Product Name	FADD, Polyclonal Antibody
Full Product Name	FADD (Fas-Associated Death Domain Protein, Growth-inhibiting Gene 3 Protein, GIG3, Mediator of Receptor Induced Toxicity, MORT1, MGC8528, Pr
Product Gene Name	anti-FADD antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human FADD.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo centrifuge the original vial prior to removing the cap.
Molecular Weight	23,279 Da
Chromosome Location	Chromosome: 11; NC_000011.9 (70049269..70053508). Location: 11q13.3
OMIM	602457
3D Structure	ModBase 3D Structure for Q13158
Immunogen	Full length human FADD, aa1-208 (NP_003815.1).
Immunogen Sequence	MDPFLVLLHSVSSSLSSSELTELKFLCLGRVGKRKLERVQSGLDLFSMLLEQNDLEPGHTELLRELLASLRRHDLLRRVDDFEAGAAAGAAPGEEDLCAA
Conjugate	APC
Note	Preservative Free
Product Categories/Family for anti-FADD antibody	Antibodies; Apoptosis
Applications Tested/Suitable for anti-FADD antibody	Western Blot (WB)
Application Notes for anti-FADD antibody	Applications are based on unconjugated antibody.

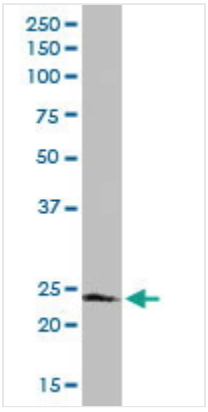
Related Product Information for anti-FADD antibody	FADD (Fas-associated protein with death domain) is an adaptor molecule that interacts with various cell surface receptors and mediates cell apoptotic s phosphorylation, and inhibitory molecules. Recombinant FADD protein was expressed in E. coli and purified by using conventional chromatography tec
Other Notes	Small volumes of anti-FADD antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necess dry ice fee may apply.
Searchable Terms for FADD purchase	MBS6377966 is an antibody targeting FADD. Also known as FADD (Fas-Associated Death Domain Protein, Growth-inhibiting Gene 3 Protein, GIG3, M



Testing Data of anti-FADD antibody
Proximity Ligation Analysis (PLA) of protein-protein interactions between FADD and BID. HeLa cells were stained with FADD rabbit purified polyclonal 1:1200 and BID mouse monoclonal antibody 1:50. Signals were detected by 30 Detection Kit 613 (red), and nuclei were counterstained with DAPI (blue). Each red dot represents the detection of protein-protein interaction complex.



Western Blot (WB) of anti-FADD antibody
Western Blot analysis of FADD expression in transfected 293T cell line by FADD polyclonal antibody. Lane 1: FADD transfected lysate (23.3kD). Lane 2: Non-transfected lysate.



Western Blot (WB) of anti-FADD antibody
FADD rabbit polyclonal antibody. Western Blot analysis of FADD expression in human kidney.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FADD. It may not necessarily be applicable to this product.

NCBI GI #	4505229
NCBI GeneID	8772
NCBI Accession #	NP_003815.1
UniProt Primary Accession #	Q13158
UniProt Secondary Accession #	Q14866; Q6IBR4
UniProt Related Accession #	Q13158
GenBank Nucleotide #	NM_003824

NCBI Official Full Name	protein FADD
NCBI Official Synonym Full Names	Fas (TNFRSF6)-associated via death domain
NCBI Official Symbol	FADD
NCBI Official Synonym Symbols	GIG3; MORT1
UniProt Protein Name	Protein FADD
UniProt Synonym Protein Names	FAS-associated death domain protein; FAS-associating death domain-containing protein; Growth-inhibiting gene 3 protein; Mediator of receptor induced toxicity
Protein Family	Fas-associated death domain protein
UniProt Gene Name	FADD
UniProt Synonym Gene Names	MORT1
UniProt Entry Name	FADD_HUMAN
NCBI Protein Information	protein FADD; growth-inhibiting gene 3 protein; mediator of receptor induced toxicity; mediator of receptor-induced toxicity; Fas-associating protein with death domain; Fas-associating death domain-containing protein
NCBI Summary for FADD	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]
UniProt Comments for FADD	FADD: an adaptor molecule that mediates apoptosis. Recruited through its C-terminal death domain by Fas-receptor, tumor necrosis factor receptor, TNFRSF25, and TRAIL-receptor, participating in the death signaling initiated by these receptors. Interaction with the receptors unmasks the N-terminal effector domain of this protein, which recruits caspase-8, and thereby activates the cysteine protease cascade. Knockout studies in mice also suggest the importance of this protein in early T cell development. Protein type: Adaptor/scaffold; Apoptosis Chromosomal Location of Human Ortholog: 11q13.3 Cellular Component: neuron projection; CD95 death-inducing signaling complex; cytosol; lipid raft Molecular Function: identical protein binding; protein binding; protease binding; death receptor binding; protein complex binding; tumor necrosis factor receptor superfamily binding; tumor necrosis factor receptor binding Biological Process: viral reproduction; positive regulation of proteolysis; protein heterooligomerization; apoptosis; positive regulation of apoptosis; positive regulation of T cell mediated cytotoxicity; T cell differentiation in the thymus; toll-like receptor 3 signaling pathway; positive regulation of activated T cell proliferation; positive regulation of interleukin-8 production; T cell homeostasis; positive regulation of macrophage differentiation; defense response to virus; toll-like receptor 4 signaling pathway; positive regulation of adaptive immune response; caspase activation; spleen development; positive regulation of I-kappaB kinase/NF-kappaB cascade; thymus development; MyD88-independent toll-like receptor signaling pathway; positive regulation of tumor necrosis factor production; lymph node development; positive regulation of interferon-gamma production; induction of apoptosis via death domain receptors; toll-like receptor signaling pathway; innate immune response; positive regulation of transcription from RNA polymerase II promoter Disease: Infections, Recurrent, With Encephalopathy, Hepatic Dysfunction, And Cardiovascular Malformations
Research Articles on FADD	**1.** FADD and the initiator caspase-8 mediate activation of NF-kappaB by TRAIL.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/fadd/6377966