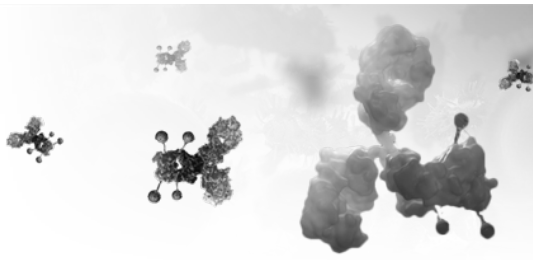

FADD peptide (DAG-P1571)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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]
Specificity	Expressed in a wide variety of tissues, except for peripheral blood mononuclear leukocytes.
Purity	> 90 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	WB
Sequence Similarities	Contains 1 death domain.Contains 1 DED (death effector) domain.
Format	Liquid
Buffer	Preservative: 0.02% Thimerosal (merthiolate) Constituents: 0.1% BSA, PBS, pH 7.2
Preservative	0.02% Thimerosal
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Preservative: 0.02% Thimerosal (merthiolate) Constituents: 0.1% BSA, PBS, pH 7.2

GENE INFORMATION

Gene Name	FADD Fas (TNFRSF6)-associated via death domain [Homo sapiens (human)]

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Official Symbol	FADD
Synonyms	FADD; Fas (TNFRSF6)-associated via death domain; GIG3; MORT1; FAS-associated death domain protein; 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;
Entrez Gene ID	8772
mRNA Refseq	NM_003824.3
Protein Refseq	NP_003815.1
UniProt ID	Q13158
Chromosome Location	11q13.3
Pathway	Activated TLR4 signalling, organism-specific biosystem; Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Alzheimers Disease, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Apoptosis, organism-specific biosystem; Apoptosis Modulation and Signaling, organism-specific biosystem; Apoptosis Modulation by HSP70, organism-specific biosystem; Caspase-8 activation, organi
Function	death effector domain binding; death receptor binding; identical protein binding; protease binding; protein binding; tumor necrosis factor receptor binding; tumor necrosis factor receptor superfamily binding;

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