



Mouse CFLAR blocking peptide (DAG-P0521)

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

PRODUCT INFORMATION

Antigen Description	Apoptosis regulator protein which may function as a crucial link between cell survival and cell death pathways in mammalian cells. Acts as an inhibitor of TNFRSF6 mediated apoptosis. A proteolytic fragment (p43) is likely retained in the death-inducing signaling complex (DISC) thereby blocking further recruitment and processing of caspase-8 at the complex. Full length and shorter isoforms have been shown either to induce apoptosis or to reduce TNFRSF-triggered apoptosis. Lacks enzymatic (caspase) activity.
Specificity	Widely expressed. Higher expression in skeletal muscle, pancreas, heart, kidney, placenta, and peripheral blood leukocytes. Also detected in diverse cell lines. Isoform 8 is predominantly expressed in testis and skeletal muscle.
Conjugate	Unconjugated
Applications	BL, WB
Sequence Similarities	Belongs to the peptidase C14A family. Contains 2 DED (death effector) domains.
Format	Liquid
Buffer	PBS with 0.1% BSA 0.02% sodium azide pH7.2
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. PBS with 0.1% BSA 0.02% sodium azide pH7.2

GENE INFORMATION

Gene Name	Cflar CASP8 and FADD-like apoptosis regulator [Mus musculus (house mouse)]
Official Symbol	CFLAR

Synonyms	CFLAR; CASP8 and FADD-like apoptosis regulator; Cash; Flip; MRIT; CLARP; FLAME; Casper; Gm9845; c-Flip; FLAME-1; I-FLICE; 2310024N18Rik; A430105C05Rik; ENSMUSG00000072980; usurpin; caspase homolog; inhibitor of FLICE; caspase-eight-related protein; MACH-related inducer of toxicity; FADD-like antiapoptotic molecule 1; cellular FLICE-like inhibitory protein; caspase-like apoptosis regulatory protein;
Entrez Gene ID	12633
mRNA Refseq	NM_001289704.1
Protein Refseq	NP_001276633.1
UniProt ID	Q5U4G3
Chromosome Location	1 C1.3; 1 29.16 cM
Pathway	Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Apoptosis, organism-specific biosystem; Apoptosis signaling pathway, organism-specific biosystem; Caspase-8 activation, organism-specific biosystem; Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Death Receptor Signalling, organism-specific biosystem; Dimerization of procaspase-8, organism-specific
Function	cysteine-type endopeptidase activity; death effector domain binding; enzyme activator activity; peptidase activator activity; protease binding; protein heterodimerization activity;