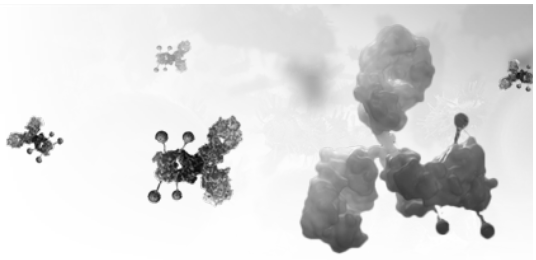

MADD blocking peptide (CDBP5716)

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

PRODUCT INFORMATION

Antigen Description	Tumor necrosis factor alpha (TNF-alpha) is a signaling molecule that interacts with one of two receptors on cells targeted for apoptosis. The apoptotic signal is transduced inside these cells by cytoplasmic adaptor proteins. The protein encoded by this gene is a death domain-containing adaptor protein that interacts with the death domain of TNF-alpha receptor 1 to activate mitogen-activated protein kinase (MAPK) and propagate the apoptotic signal. It is membrane-bound and expressed at a higher level in neoplastic cells than in normal cells. Several transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	MADD MAP-kinase activating death domain [Homo sapiens (human)]
Official Symbol	MADD
Synonyms	MADD; MAP-kinase activating death domain; DENN; IG20; RAB3GEP; MAP kinase-activating death domain protein; Rab3 GDP/GTP exchange factor; insulinoma glucagonoma clone 20;

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	differentially expressed in normal and neoplastic cells
Entrez Gene ID	8567
mRNA Refseq	NM_001135943
Protein Refseq	NP_001129415
UniProt ID	Q8WXG6
Pathway	Apoptosis Modulation and Signaling; Caspase cascade in apoptosis; Ceramide signaling pathway; Deregulation of Rab and Rab Effector Genes in Bladder Cancer; TNF receptor signaling pathway
Function	Rab guanyl-nucleotide exchange factor activity; Rab guanyl-nucleotide exchange factor activity; death receptor binding; protein binding; protein kinase activator activity

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