



MCL1 blocking peptide (CDBP5737)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes an anti-apoptotic protein, which is a member of the Bcl-2 family. Alternative splicing results in multiple transcript variants. The longest gene product (isoform 1) enhances cell survival by inhibiting apoptosis while the alternatively spliced shorter gene products (isoform 2 and isoform 3) promote apoptosis and are death-inducing. [provided by RefSeq, Oct 2010]
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	MCL1 myeloid cell leukemia 1 [Homo sapiens (human)]
Official Symbol	MCL1
Synonyms	MCL1; myeloid cell leukemia 1; TM; EAT; MCL1L; MCL1S; Mcl-1; BCL2L3; MCL1-ES; bcl2-L-3; mcl1/EAT; induced myeloid leukemia cell differentiation protein Mcl-1; bcl-2-like protein 3; myeloid cell leukemia ES; bcl-2-related protein EAT/mcl1; myeloid cell leukemia sequence 1 (BCL2-related)

Entrez Gene ID	4170
mRNA Refseq	NM_001197320
Protein Refseq	NP_001184249
UniProt ID	Q07820
Pathway	Apoptosis; Apoptosis Modulation and Signaling; Direct p53 effectors; E2F transcription factor network; HIF-1-alpha transcription factor network; IL-7 Signaling Pathway; IL6-mediated signaling events; MicroRNAs in cancer
Function	BH3 domain binding; protein binding; protein channel activity; protein heterodimerization activity; protein homodimerization activity