



# Human MCL1 blocking peptide (CDBP1841)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-MCL1 antibody
<b>Antigen Description</b>	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]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">MCL1 myeloid cell leukemia sequence 1 (BCL2-related) [ Homo sapiens ]</a>
<b>Official Symbol</b>	MCL1
<b>Synonyms</b>	MCL1; myeloid cell leukemia sequence 1 (BCL2-related); induced myeloid leukemia cell differentiation protein Mcl-1; BCL2L3; Mcl 1; bcl-2-like protein 3; myeloid cell leukemia ES; bcl-2-related protein EAT/mcl1; TM; EAT; MCL1L; MCL1S; Mcl-1; MCL1-ES; bcl2-L-3; mcl1/EAT;

MGC1839; MGC104264;

<b>Entrez Gene ID</b>	<a href="#">4170</a>
<b>mRNA Refseq</b>	<a href="#">NM_001197320</a>
<b>Protein Refseq</b>	<a href="#">NP_001184249</a>
<b>UniProt ID</b>	Q07820
<b>Chromosome Location</b>	1q21
<b>Pathway</b>	Apoptosis, organism-specific biosystem; Direct p53 effectors, organism-specific biosystem; E2F transcription factor network, organism-specific biosystem; HIF-1-alpha transcription factor network, organism-specific biosystem; IL-7 Signaling Pathway, organism-specific biosystem; IL6-mediated signaling events, organism-specific biosystem;
<b>Function</b>	BH3 domain binding; protein binding; protein channel activity; protein heterodimerization activity;