



# Anti-MCL1 (aa 151-250) polyclonal antibody (DPAB-DC1901)

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

## PRODUCT INFORMATION

<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.
<b>Immunogen</b>	MCL1 (NP_068779, 151 a.a. ~ 250 a.a) partial recombinant protein with GST tag. The sequence is GNNTSTDGSLPSTPPPAEEEEDELRYQSLEIISRYLREQATGAKDTKPMGRSGATSRKAL ETLRRVG DG VQRNHETAFQGMLRKLDIKNEDDVKSLSRVM
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

**Gene Name** [MCL1 myeloid cell leukemia 1 \[ Homo sapiens \(human\) \]](#)

<b>Official Symbol</b>	MCL1
<b>Synonyms</b>	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);
<b>Entrez Gene ID</b>	<a href="#">4170</a>
<b>Protein Refseq</b>	<a href="#">NP_001184249</a>
<b>UniProt ID</b>	<a href="#">A0A087WT64</a>
<b>Chromosome Location</b>	1q21
<b>Pathway</b>	Apoptosis; Direct p53 effectors; HIF-1-alpha transcription factor network; IL6-mediated signaling events
<b>Function</b>	BH3 domain binding; protein binding; protein channel activity; protein heterodimerization activity