



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

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.
Immunogen	MCL1 (NP_068779, 151 a.a. ~ 250 a.a) partial recombinant protein with GST tag. The sequence is GNNTSTDGLPSTPPAEEEEDELRYRQSLEIISRYLREQATGAKDTKPMGRSGATSRKAL ETLRRVGDGVRNHEAFQGMLRKLDIKNEDDVKSLSRVM
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	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)]
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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
Protein Refseq	NP_001184249
UniProt ID	A0A087WT64
Chromosome Location	1q21
Pathway	Apoptosis; Direct p53 effectors; HIF-1-alpha transcription factor network; IL6-mediated signaling events
Function	BH3 domain binding; protein binding; protein channel activity; protein heterodimerization activity
