



Anti-MMP7 (aa 121-139) polyclonal antibody (DPAB1977RH)

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

PRODUCT INFORMATION

Product Overview	Rabbit anti-human myeloid cell leukemia sequence 1 polyclonal antibody.
Antigen Description	Induced myeloid leukemia cell differentiation protein Mcl-1 is a protein that in humans is encoded by the MCL1 gene. The protein encoded by this gene belongs to the Bcl-2 family. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified. The longer gene product (isoform 1) enhances cell survival by inhibiting apoptosis while the alternatively spliced shorter gene product (isoform 2) promotes apoptosis and is death-inducing.
Specificity	This antibody reacts with a 42 kD protein. Myeloid cell leukemia-1 (MCL-1) is a member of the bcl-2 family. The carboxy terminal of Mcl-1 and bcl-2 share significant sequence homology. Expression of Mcl-1 is increased upon exposure of ML-1 cells to variou
Immunogen	A synthetic peptide corresponding to aa 121-139 of human MCL-1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	IHC, IP, WB
Cellular Localization	Cytoplasmic, nuclear
Positive Control	Tonsil
Format	Purified immunoglobulin fraction of rabbit antiserum against MCL-1 containing sodium azide as a preservative.

Preservative	See individual product datasheet
Storage	Store at 2-8°C. Do not use beyond the expiration date stated on the label.

GENE INFORMATION

Gene Name	MCL1 myeloid cell leukemia sequence 1 (BCL2-related) [Homo sapiens]
Synonyms	MCL1; myeloid cell leukemia sequence 1 (BCL2-related)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
Entrez Gene ID	4170
Protein Refseq	NP_001184249
UniProt ID	A0A087WT64
Chromosome Location	1q21
Pathway	Apoptosis; Direct p53 effectors; E2F transcription factor network; HIF-1-alpha transcription factor network; IL-7 Signaling Pathway; IL6-mediated signaling events
Function	BH3 domain binding; protein binding; protein channel activity; protein heterodimerization activity