

**MCL1 Antibody**  
Rabbit mAb  
Catalog # AP90249

## Specification

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### MCL1 Antibody - Product Information

Application	WB, IHC, FC, ICC, IP
Primary Accession	<a href="#">Q07820</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
Bcl-2-like protein 3; Bcl-2-related protein EAT/mcl1; Bcl2-L-3; BCL2L3; EAT; Mcl-1; MCL1; mcl1/EAT; MCL1L; MCL1S;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	37337 Da

### MCL1 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human MCL1
Description	MCL1 a myeloid cell leukemia protein of the Bcl-2 family of proteins. Two alternatively spliced transcripts 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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

### MCL1 Antibody - Protein Information

**Name** MCL1

**Synonyms** BCL2L3

#### Function

Involved in the regulation of apoptosis versus cell survival, and in the maintenance of viability but not of proliferation. Mediates its effects by interactions with a number of other regulators of apoptosis. Isoform 1 inhibits apoptosis. Isoform 2 promotes apoptosis.

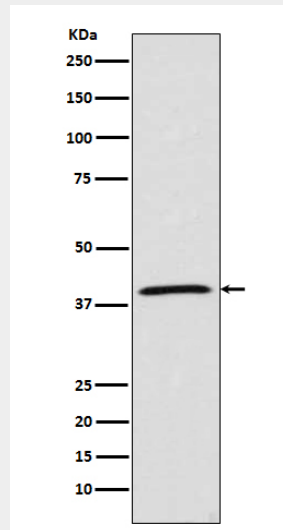
**Cellular Location**

Membrane; Single-pass membrane protein. Cytoplasm. Mitochondrion. Nucleus, nucleoplasm  
Note=Cytoplasmic, associated with mitochondria

**MCL1 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**MCL1 Antibody - Images**

Western blot analysis of MCL1 expression in Raji cell lysate.