

**MCL1 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP50001**

**Specification**

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**MCL1 Antibody - Product Information**

Application	<b>WB, IHC</b>
Primary Accession	<a href="#">Q07820</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>37,29 KDa</b>
Antigen Region	<b>121-150</b>

**MCL1 Antibody - Additional Information**

**Gene ID** 4170

**Other Names**

Induced myeloid leukemia cell differentiation protein Mcl-1, Bcl-2-like protein 3, Bcl2-L-3, Bcl-2-related protein EAT/mcl1, mcl1/EAT, MCL1, BCL2L3

**Dilution**

WB~~ 1:1000  
IHC~~1:50-1:100

**Format**

Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

**Storage Conditions**

-20°C

**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**

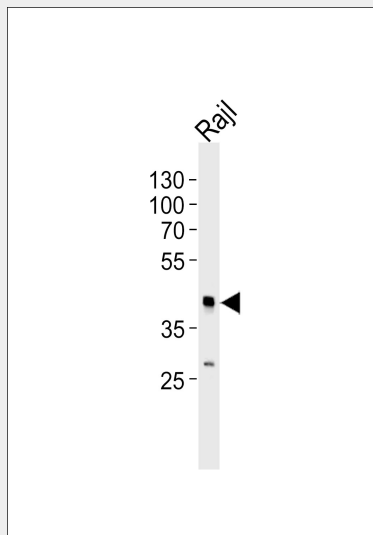
Membrane; Single-pass membrane protein. Cytoplasm. Mitochondrion. Nucleus, nucleoplasm  
Note=Cytoplasmic, associated with mitochondria

## MCL1 Antibody - Protocols

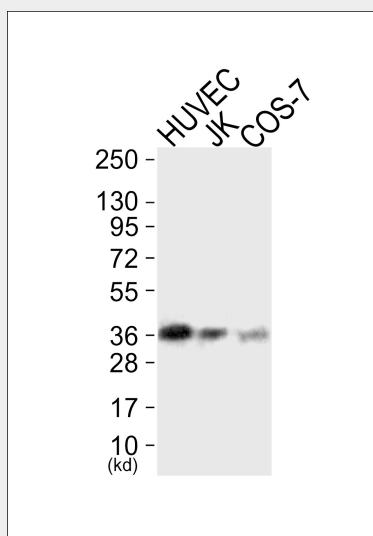
Provided below are standard protocols that you may find useful for product applications.

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

## MCL1 Antibody - Images

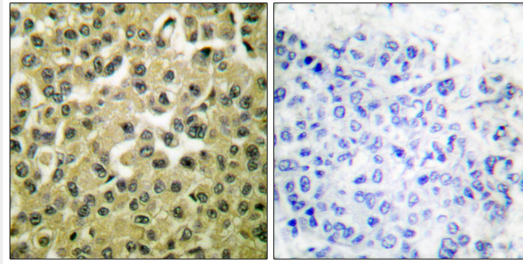


Western blot analysis of lysate from Raji cell line, using MCL1 Antibody (C0258). C0258 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg.



Western blot analysis of extracts from HUVEC cells (Lane 1), JK cells (Lane 2) and COS-7 cells

(Lane 3), using MCL1 Antibody. The lane on the left is treated with synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MCL1 antibody .

### **MCL1 Antibody - Background**

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.

### **MCL1 Antibody - References**

Kozopas K.M.,et al.Proc. Natl. Acad. Sci. U.S.A. 90:3516-3520(1993).  
Umezawa A.,et al.Cell Struct. Funct. 21:143-150(1996).  
Akgul C.,et al.Cell. Mol. Life Sci. 57:684-691(2000).  
Bingle C.D.,et al.J. Biol. Chem. 275:22136-22146(2000).  
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