

MCL1 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP13704c**Specification**

MCL1 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [Q07820](#)**MCL1 Antibody (Center) Blocking peptide - 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

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13704c was selected from the Center region of MCL1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

MCL1 Antibody (Center) Blocking peptide - 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 (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

MCL1 Antibody (Center) Blocking peptide - Images

MCL1 Antibody (Center) Blocking peptide - Background

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.

MCL1 Antibody (Center) Blocking peptide - References

Shimada, M., et al. Hum. Genet. 128(4):433-441(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Kim, J.H., et al. FEBS Lett. 583(17):2758-2764(2009) Maurer, U., et al. Mol. Cell 21(6):749-760(2006) Domina, A.M., et al. Oncogene 23(31):5301-5315(2004)