10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MCL1 / MCL 1 Antibody (clone 8C6, 8C6D4B1)

Mouse Monoclonal Antibody
Catalog # ALS11798

Specification

MCL1 / MCL 1 Antibody (clone 8C6, 8C6D4B1) - Product Information

Application	**IF**
Primary Accession	Q07820
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**37kDa KDa**

MCL1 / MCL 1 Antibody (clone 8C6, 8C6D4B1) - 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
Ni-NTA purified recombinant protein MCL-1expressed in E. Coli strain M15

Reconstitution & Storage
+4°C or -20°C, Avoid repeated freezing and thawing.

Precautions
MCL1 / MCL 1 Antibody (clone 8C6, 8C6D4B1) is for research use only and not for use in diagnostic or therapeutic procedures.

MCL1 / MCL 1 Antibody (clone 8C6, 8C6D4B1) - 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

Volume
1 ea

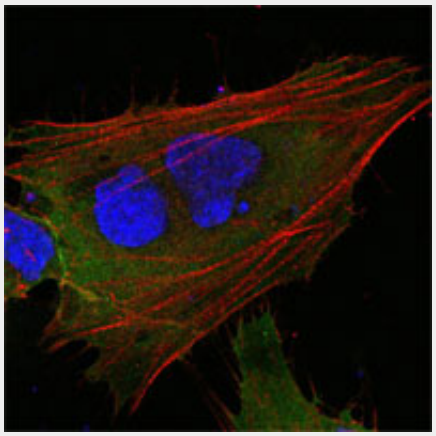
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MCL1 / MCL 1 Antibody (clone 8C6, 8C6D4B1) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MCL1 / MCL 1 Antibody (clone 8C6, 8C6D4B1) - Images



Confocal immunofluorescence of HepG2 cells using MCL1 mouse monoclonal antibody (green).

MCL1 / MCL 1 Antibody (clone 8C6, 8C6D4B1) - 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 / MCL 1 Antibody (clone 8C6, 8C6D4B1) - 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).
Bae J.,et al.J. Biol. Chem. 275:25255-25261(2000).