

Mouse anti-Human MCL-1 Antibody | anti-MCL-1 antibody

MCL-1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108830	Mouse	Human	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

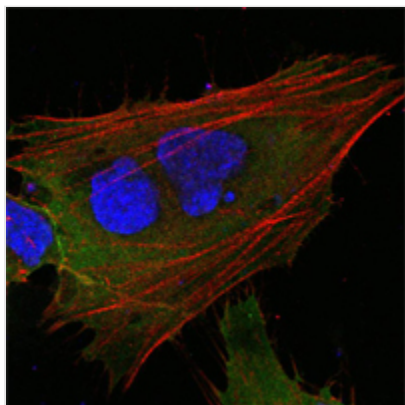
PRODUCT SYNONYMS

MCL-1; MCL-1 Antibody; EAT; MCL1L; MCL1S; anti-MCL-1 antibody

PRODUCT SPECIFICATIONS

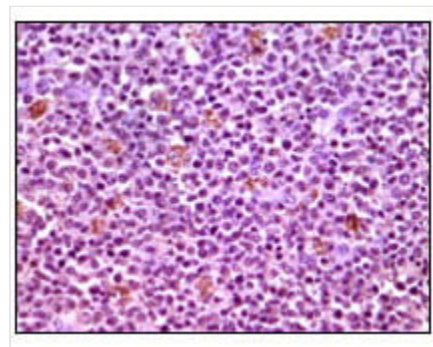
Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	8C6; 8C6D4B1
Form/Format	Purified antibody in PBS containing 0.03% sodium azide
Sequence Length	934
Applicable Applications for anti-MCL-1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human MCL-1 expressed in E. Coli
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



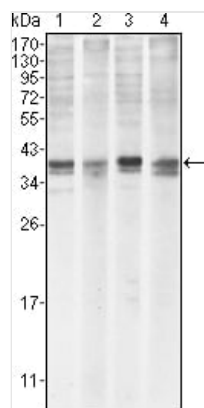
IF (Immunofluorescence)

Figure 3. Confocal immunofluorescence analysis of HepG2 cells using MCL1 mouse mAb (green). Red. Actin filaments have been labeled with DY-554 phalloidin. Blue. DRAQ5 fluorescent DNA dye.



IHC (Immunohistochemistry)

Figure 2. Immunohistochemical analysis of paraffin-embedded human lymphnode tissues using MCL1 mouse mAb with DAB staining.



WB (Western Blot)

Figure 1. Western blot analysis using MCL1 mouse mAb against Hela (1), BCBL-1 (2), Jurkat (3) and HL60 (4) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-MCL-1 antibody	Mcl-1 (Myeloid cell leukemia-1) is Bcl-2-related and was identified as an early-induction gene that increased in expression during the differentiation of human myeloblastic leukemia cell ML-1, or exposure to different DNA damaging agents. The level of Mcl-1 is decreased in peripheral B lymphocytes undergoing apoptosis following treatment with apoptotic stimuli such as TGF-alpha 1 and forskolin. Expression of Mcl-1 is able to delay apoptosis induced by over-expression of c-myc in CHO 5AHSmyc cells. In hematopoietic FDC-P1 cells, Mcl-1 interacts with another Bcl-2-related protein, Bax, and prolongs cell viability after treatment with different apoptotic reagents. This monoclonal antibody detected a 37kd MCL1 in BCBL-1 cell lysate.
Product Categories/Family for anti-MCL-1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557761
NCBI GeneID	4436
NCBI Accession #	NP_000242.1
NCBI GenBank Nucleotide #	NM_000251.2
UniProt Accession #	P43246; O75488; B4E2Z2
Molecular Weight	37kDa
NCBI Official Full Name	DNA mismatch repair protein Msh2 isoform 1
NCBI Official Synonym Full Names	mutS homolog 2
NCBI Official Symbol	MSH2
NCBI Official Synonym Symbols	FCC1; COCA1; HNPCC; LCFS2; HNPCC1
NCBI Protein Information	DNA mismatch repair protein Msh2
UniProt Protein Name	DNA mismatch repair protein Msh2
UniProt Gene Name	MSH2
UniProt Synonym Gene Names	hMSH2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.