

Mouse MCL1 Monoclonal Antibody | anti-MCL1 antibody

MCL1 antibody

CATALOG # AAA74819	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, ELISA
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PRODUCT SYNONYMS

MCL1; Monoclonal Antibody; MCL1 antibody; Monoclonal MCL1; Anti-MCL1; MCL-1; MCL 1; Myeloid cell leukemia 1; anti-MCL1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	8C6; 8C6D4B1
Form/Format	Purified antibody supplied in PBS containing 0.03% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	271
Applicable Applications for anti-MCL1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA
Biological Significance	MCL1 is a protein which belongs to the Bcl-2 family. Alternative splicing occurs at this locus and two transcript variants 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.
Cross-Reactivity	Human
Immunogen	MCL1 antibody was raised in Mouse using a purified recombinant fragment of human MCL-1 expressed in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human lymphnode tissues using MCL1 antibody with DAB staining.



WB (Western Blot)

Western Blot showing MCL1 antibody used against Hela (1), BCBL-1 (2), Jurkat (3) and HL60 (4) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-MCL1 antibody	Mouse monoclonal MCL1 antibody
Product Categories/Family for anti-MCL1 antibody	Cell Cycle & Cell Death

NCBI AND UNIPROT INFORMATION

NCBI GI #	55959012
UniProt Accession #	Q07820; Q9HD91; Q9NRQ3; Q9NRQ4; Q9UHR7; Q9UHR8; Q9UHR9; Q9UNJ1; B2R6B2; D3DV03; D3DV04
Molecular Weight	28,662 Da
UniProt Protein Name	Induced myeloid leukemia cell differentiation protein Mcl-1
UniProt Gene Name	MCL1
UniProt Synonym Gene Names	BCL2L3; Bcl2-L-3
UniProt Entry Name	MCL1_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/mcl1-antibody-clone-8c6-8c6d4b1-western-blot-immunohistochemistry-immunofluorescence-elisa/74819>