

Rabbit anti-Human Mcl-1 Polyclonal Antibody | anti-MCL1 antibody

Mcl-1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40355	Rabbit	Human	Immunocytochemistry, Western Blot, ELISA

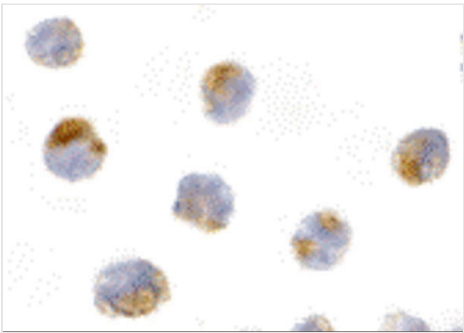
PRODUCT SYNONYMS

Mcl-1; Polyclonal Antibody; Mcl-1 Antibody; TM; EAT; MCL1L; MCL1S; BCL2L3; MCL1-ES; bcl2-L-3; mcl1/EAT; Induced myeloid leukemia cell differentiation protein Mcl-1; Bcl-2-like protein 3; Bcl2-L-3; myeloid cell leukemia sequence 1 (BCL2-related); anti-MCL1 antibody

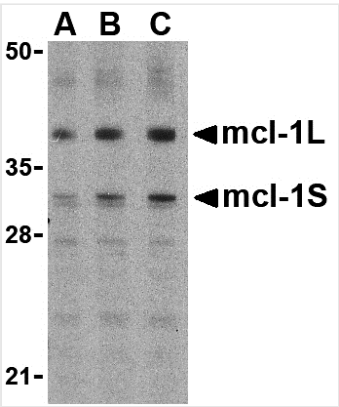
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Detects isoforms Mcl-1L and Mcl-1S
Purity/Purification	Mcl-1 Antibody is Ion exchange chromatography purified.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	350
Applicable Applications for anti-MCL1 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Mcl-1 antibody was raised against a peptide corresponding to 16 amino acids near the center of human Mcl-1.
Buffer	Mcl-1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Mcl-1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



ICC (Immunocytochemistry)
Immunocytochemistry of Mcl-1 in Raji cells with Mcl-1 antibody at 10 μg/mL.



WB (Western Blot)
Western blot analysis of Mcl-1 in Raji cell lysates with Mcl-1 antibody (IN) at (A) 0.5, (B) 1, and (C) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-MCL1 antibody	Mcl-1 Antibody: Myeloid cell leukemia-1 (Mcl-1) is a member of the Bcl-2 family of proteins that can act to promote cell survival. While the mechanism by which Mcl-1 inhibits apoptosis is not known, it is thought that it may heterodimerize and neutralize pro-apoptotic members of the Bcl-2 family such as Bim or Bak. Mcl-1 was originally identified in differentiating myeloid cells, but has since been shown to be expressed in multiple cell types. Mcl-1 is essential for embryogenesis and for the development and maintenance of B and T lymphocytes in animals. Mcl-1 exists as at least three distinct isoforms designated Mcl-1L, Mcl-1S and Mcl-1ES. In marked contrast to the larger isoform of Mcl-1, overexpression of Mcl-1S promotes cell death.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11386165
NCBI GeneID	4170
NCBI Accession #	NP_068779
NCBI GenBank Nucleotide #	NM_021960.4
UniProt Accession #	Q07820; Q9HD91; Q9NRQ3; Q9NRQ4; Q9UHR7; Q9UHR8; Q9UHR9; Q9UNJ1; B2R6B2; D3DV03; D3DV04
Molecular Weight	28,662 Da
NCBI Official Full Name	induced myeloid leukemia cell differentiation protein Mcl-1 isoform 1
NCBI Official Synonym Full Names	myeloid cell leukemia 1
NCBI Official Symbol	MCL1
NCBI Official Synonym Symbols	TM; EAT; MCL1L; MCL1S; Mcl-1; BCL2L3; MCL1-ES; bcl2-L-3; mcl1/EAT
NCBI Protein Information	induced myeloid leukemia cell differentiation protein Mcl-1; bcl-2-like protein 3; myeloid cell leukemia ES; bcl-2-related protein EAT/mcl1; myeloid cell leukemia sequence 1 (BCL2-related)
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.

