

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

RABBIT ANTI HUMAN Mcl-1

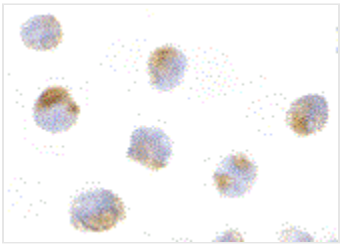
CATALOG # AAA49988	HOST Rabbit	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

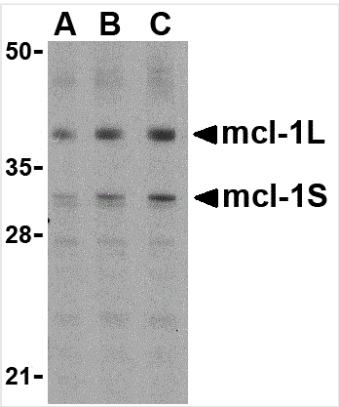
Mcl-1; Polyclonal Antibody; RABBIT ANTI HUMAN Mcl-1; anti-Mcl-1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	This item recognises an epitope within the central region (IN) of human Myeloid cell leukaemia sequence 1 (MCL-1), an anti-apoptotic member of the Bcl-2 family of proteins, first identified in differentiating ML-1 myeloid cells, and expressed in many different cell lines, tissues and a variety of tumours. The MCL-1 protein, localised to intracellular membranes and particularly mitochondrial membranes, has since been isolated in two distinct isoforms, known as MCL-1 long (MCL-1L) and MCL-1 short (MCL-1S). MCL-1S has been identified as a pro-apoptotic splice variant of MCL-1L, missing the transmembrane and BH1 and BH2 (Bcl-2 homology) domains. Interaction between these two antagonistic variants can act to regulate cell survival. This item recognises both the MCL-1L (38kDa) and MCL-1S (30kDa) isoforms of MCL-1.
Form/Format	Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	271
Applicable Applications for anti-Mcl-1 antibody	WB (Western Blot)
Perservative Stabilisers	0.02% Sodium Azide
Immunogen	A 16 amino acid peptide located near the centre of human MCL-1.
Buffer Solution	Phosphate buffered saline
Antiserum Preparation	Antisera to human MCL-1 (IN) were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by ion exchange chromatography.
Target Species	Human
Preparation and Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.



Application Data
Immunocytochemical staining of Raji cells with Rabbit anti Human Mcl-1 (AAA49988)



Application Data
Western blot analysis of whole cell lysate from Raji, Burkitt's lymphoma derived B-lymphoblastoid cells probed with Rabbit anti Human Mcl-1 (AAA49988) at 0.5(A), 1(B) and 2(C) ug/ml

NCBI AND UNIPROT INFORMATION

NCBI GI #	309747067
NCBI GeneID	4170
NCBI Accession #	NP_001184249.1
NCBI GenBank Nucleotide #	NM_001197320.1
UniProt Accession #	Q07820; Q9HD91; Q9NRQ3; Q9NRQ4; Q9UHR7; Q9UHR8; Q9UHR9; Q9UNJ1; B2R6B2; D3DV03; D3DV04
NCBI Official Full Name	induced myeloid leukemia cell differentiation protein Mcl-1 isoform 3
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; bcl-2-related protein EAT/mcl1; myeloid cell leukemia ES; 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.