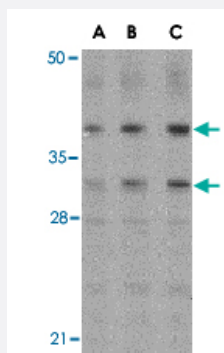


MCL1 polyclonal antibody

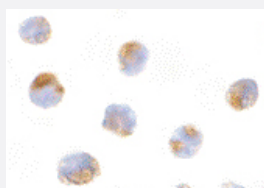
Catalog # PAB13416 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of MCL1 in Raji cell lysates with MCL1 polyclonal antibody (Cat # PAB13416) at (A) 0.5, (B) 1, and (C) 2 ug/mL .



Immunocytochemistry

Immunocytochemistry of MCL1 in Raji cells with MCL1 polyclonal antibody (Cat # PAB13416) at 10 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of MCL1.
Immunogen	A synthetic peptide corresponding to internal region 16 amino acids of human MCL1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of MCL1 in Raji cell lysates with MCL1 polyclonal antibody (Cat # PAB13416) at (A) 0.5, (B) 1, and (C) 2 ug/mL .

- Immunocytochemistry

Immunocytochemistry of MCL1 in Raji cells with MCL1 polyclonal antibody (Cat # PAB13416) at 10 ug/mL .

Gene Info — MCL1

Entrez GeneID	4170
Protein Accession#	NP_068779
Gene Name	MCL1
Gene Alias	BCL2L3, EAT, MCL1L, MCL1S, MGC104264, MGC1839, TM
Gene Description	myeloid cell leukemia sequence 1 (BCL2-related)
Omim ID	159552
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene 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. [provided by RefSeq]
Other Designations	OTTHUMP00000032794 OTTHUMP00000032795 induced myeloid leukemia cell differentiation protein Mcl-1 myeloid cell leukemia sequence 1 myeloid cell leukemia sequence 1, isoform 1

Publication Reference

- [Regulation of neutrophil apoptosis by Mcl-1.](#)

Edwards SW, Derouet M, Howse M, Moots RJ.

Biochemical Society Transactions 2004 Jun; 32(Pt3):489.

Application: WB, Human, Human neutrophils

- [DNA damage response and MCL-1 destruction initiate apoptosis in adenovirus-infected cells.](#)

Cuconati A, Mukherjee C, Perez D, White E.

Genes & Development 2003 Dec; 17(23):2922.

Application: IP, WB, Human, HeLa cells

- [MCL1, a gene expressed in programmed myeloid cell differentiation, has sequence similarity to BCL2.](#)

Kozopas KM, Yang T, Buchan HL, Zhou P, Craig RW.

PNAS 1993 Apr; 90(8):3516.

Disease

- [Bile Duct Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Cholangiocarcinoma](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)
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