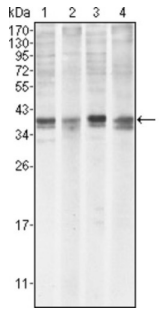
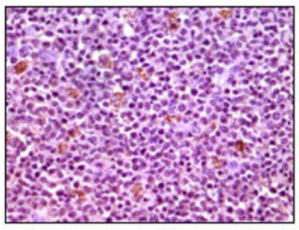
Induced Myeloid Leukemia Cell Differentiation Protein (MCL1) Antibody

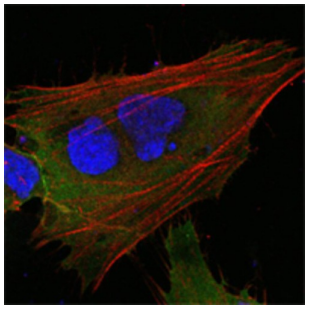
Catalogue No.:abx011122



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



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



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

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.

Target:	Induced Myeloid Leukemia Cell Differentiation Protein (MCL1)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IHC, IF/ICC
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com

Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human MCL-1 expressed in E. coli.
Isotype:	IgG_1
Form:	Liquid
Purification:	Purified from ascites by Protein G chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q07820 (UniProt, ExPASy)
Gene Symbol:	MCL1
GeneID:	4170
OMIM:	159552
HGNC:	6943
KEGG:	hsa:4170
Ensembl:	ENSG00000143384
String:	9606.ENSP00000358022
Molecular Weight:	37 kDa
Buffer:	PBS, containing 0.03% sodium azide.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com