



# Rabbit Anti-Human MCL-1 polyclonal antibody (CABT-BL2348)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	This antibody may react with (Predicted by homology) : Bovine, Dog, Mouse, Rabbit, Rat
<b>Target</b>	MCL-1
<b>Immunogen</b>	Synthetic peptide derived from internal region of human MCL-1.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunoaffinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P
<b>Molecular Weight</b>	42 kDa
<b>Cellular Localization</b>	Cytoplasm, Nucleus
<b>Positive Control</b>	Tonsil
<b>Format</b>	Liquid
<b>Buffer</b>	PBS, 1% BSA, pH 7.6
<b>Preservative</b>	< 0.1% Sodium Azide
<b>Storage</b>	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly

stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.

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## BACKGROUND

### Introduction

MCL-1 (Myeloid cell leukemia-1) is a member of the BCL-2 family. The carboxy terminal of MCL-1 and BCL-2 share significant sequence homology. Expression of MCL-1 is increased upon exposure of ML-1 cells to various types of DNA damaging agents (e.g. ionizing radiation, ultraviolet radiation, and alkylating drugs) along with increases in GADD45 and Bax and a decrease in BCL-2. Like BCL-2, MCL-1 has the capacity to promote cell viability under conditions that otherwise cause apoptosis.

### Keywords

MCL1;myeloid cell leukemia sequence 1 (BCL2-related) ;induced myeloid leukemia cell differentiation protein Mcl-1;BCL2L3;Mcl 1;Bcl 2 related protein EAT/mcl1;Bcl-2-like protein 3;Bcl-2-related protein EAT/mcl1;BCL2 related;Bcl2-L-3;BCL2L3;EAT;l

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## GENE INFORMATION

### Entrez Gene ID

[4170](#)

### UniProt ID

[Q07820](#)

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