BioVision
BioVision Incorporated

Phospho MCL1 (Ser159) Antibody

rev 12/19

CATALOG NO.:	**A1981-100 (100 µl)**

BACKGROUND DESCRIPTION: This gene encodes an anti-apoptotic protein, which is a member of the Bcl-2 family. Alternative splicing results in multiple transcript variants. The longest gene product (isoform 1) enhances cell survival by inhibiting apoptosis while the alternatively spliced shorter gene products (isoform 2 and isoform 3) promote apoptosis and are death-inducing.

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ALTERNATE NAMES:	BCL2L3; Induced myeloid leukemia cell differentiation protein Mcl-1; Bcl-2-like protein 3; Bcl2-L-3; Bcl-2-related protein EAT/mcl1; mcl1/EAT
ANTIBODY TYPE:	Polyclonal
HOST/ISOTYPE:	Rabbit / IgG
IMMUNOGEN:	KLH-conjugated synthetic peptide targeting a sequence within the center region of human MCL1
MOLECULAR WEIGHT:	40 kDa
PURIFICATION:	Affinity purified
FORM:	Liquid
FORMULATION:	In 0.42% Potassium phosphate; 0.87% NaCl; pH 7.3; 30% glycerol; and 0.01% sodium azide
SPECIES REACTIVITY:	Human
STORAGE CONDITIONS:	Store at -20ºC. Avoid freeze / thaw cycles
APPLICATIONS AND USAGE:	WB 1:500 - 1:1000, IF 1:100 - 1:500

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user
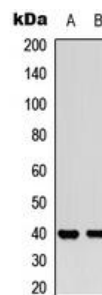
Western blot analysis of phospho MCL1 (Ser159) expression in K562 (A); human liver (B) whole cell lysates.
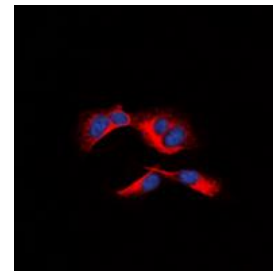
Immunofluorescent analysis of phospho MCL1 (Ser159) staining in K562 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at RT. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at RT in the dark. DAPI was used to stain the cell nuclei (blue).

RELATED PRODUCTS:

Anti-Bcl-2 Antibody (100/D5 + 124) (A1435)
Caspase-9 (Active) Antibody (3149)
Mcl-1 Antibody (3035)
Anti-Caspase-7 Antibody (A1752)

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