



Mcl-1 (phospho Ser159) rabbit pAb

Cat No.:ES6205

For research use only

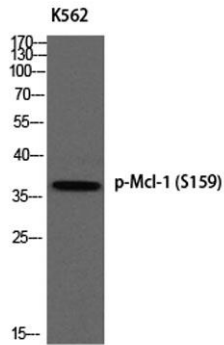
Overview

Product Name	Mcl-1 (phospho Ser159) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA;IHC
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
Immunogen	The antiserum was produced against synthesized peptide derived from human MCL1 around the phosphorylation site of Ser159. AA range:125-174
Specificity	Phospho-Mcl-1 (S159) Polyclonal Antibody detects endogenous levels of Mcl-1 protein only when phosphorylated at S159.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Induced myeloid leukemia cell differentiation protein Mcl-1
Gene Name	MCL1
Cellular localization	Membrane ; Single-pass membrane protein . Cytoplasm. Mitochondrion. Nucleus, nucleoplasm. Cytoplasmic, associated with mitochondria.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	About 40kd in human,39kd in mouse and rat
Human Gene ID	4170
Human Swiss-Prot Number	Q07820
Alternative Names	MCL1; 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
Background	This gene encodes an anti-apoptotic protein, which is a member of the Bcl-2 family. Alternative splicing

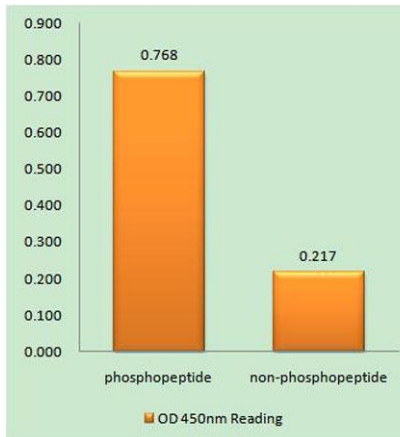




results in multiple transcript variants. The longest gene product (isoform 1) enhances cell survival by inhibiting apoptosis while the alternatively spliced shorter gene products (isoform 2 and isoform 3) promote apoptosis and are death-inducing. [provided by RefSeq, Oct 2010],

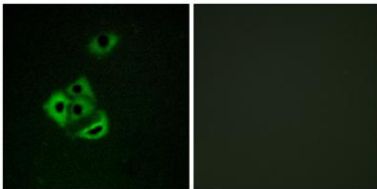


Western blot analysis of K562 using p-Mcl-1 (S159) antibody.



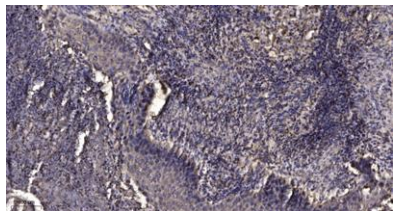
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using MCL1 (Phospho-Ser159) Antibody

Immunofluorescence analysis of A549 cells, using MCL1 (Phospho-Ser159) Antibody. The picture on the right is blocked with the phospho peptide.





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Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



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