

Anti-MCL1 Rabbit pAb



WL01256

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-MCL1 Rabbit pAb		
Source	Rabbit		
Species reactivity	Human, Mouse, Rat		
Tested applications	WB	1:1000-1:2000	
	IHC	1:100	
Cellular localization	Membrane. Cytoplasm. Mitochondrion. Nucleus		
Pack size	50/100/200/500/1000µl		
Storage	Store at -20°C. Avoid freeze/thaw cycles.		
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml		
	BSA, 50% glycerol and less than 0.02% sodium azide		

General Information

Background	Mcl-1 (Myeloid cell leukemia 1) is an anti-apoptotic member of the Bcl-2 family originally isolated from the ML-1 human myeloid leukemia cell line during phorbol ester-induced differentiation along the monocyte/macrophage pathway. Mcl-1 is an important and specific regulator that is necessary for the homeostasis of early hematopoietic progenitors. Mcl-1 is phosphorylated in response to treatment with phorbol ester, microtubule-damaging agents, oxidative stress, and cytokine withdrawal. Phosphorylation at Thr163, the conserved MAP kinase/ERK site located within the PEST region, slows Mcl-1 protein turnover but may prime the GSK-3 mediated phosphorylation at Ser159 that leads to Mcl-1 destabilization.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of MCL1.
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

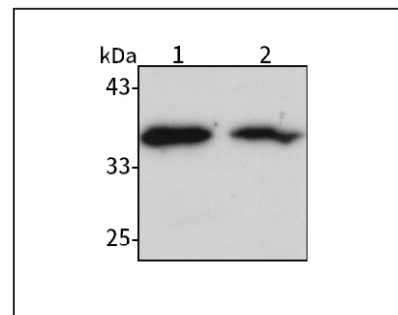
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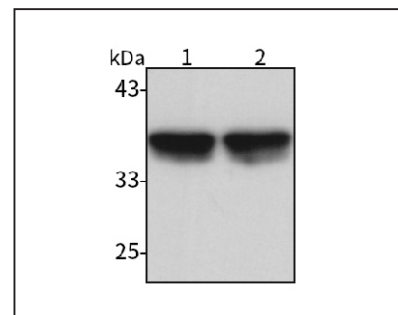
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Product Images



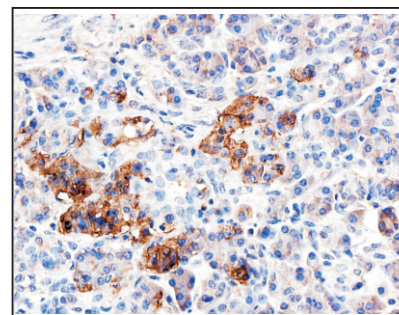
Western blot-Anti-MCL1 pAb

Lane 1: Human BxPC-3 cell lysate
Lane 2: Human Hela cell lysate
All lanes: Anti-MCL1 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 37 kDa
 Observed band size: 37 kDa



Western blot-Anti-MCL1 pAb

Lane 1: Mouse lung tissue lysate
Lane 2: Rat lung tissue lysate
All lanes: Anti-MCL1 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 37 kDa
 Observed band size: 37 kDa



Immunohistochemistry-Anti-MCL1 pAb

Immunohistochemical analysis of paraffin-embedded human pancreatic cancer using anti-MCL1 Rabbit Antibody at 1:100 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

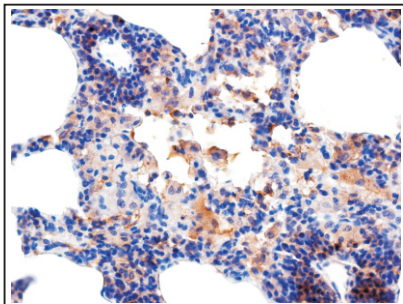
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Immunohistochemistry-Anti-MCL1 pAb

Immunohistochemical analysis of paraffin-embedded rat lung using anti-MCL1 Rabbit Antibody at 1:100 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0