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# anti-MCL-1 antibody (pSer159, pThr163)



Image



Publication



Go to Product page

### Overview

Quantity:	100 μL
Target:	MCL-1 (MCL1)
Binding Specificity:	pSer159, pThr163
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MCL-1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (Paraffinembedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### **Product Details**

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human Mcl 1 around the phosphorylation site of Ser159/Thr163
Isotype:	IgG
Specificity:	These phosphorylation sites are homologous to Ser140 + Thr144 in Mouse and Ser139 + Thr143 in Rat.
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Horse
Purification:	Purified by Protein A.

# **Target Details**

l arget Details	
Target:	MCL-1 (MCL1)
Alternative Name:	Mcl1 + (MCL1 Products)
Background:	Synonyms: TM, EAT, MCL1L, MCL1S, Mcl-1, BCL2L3, MCL1-ES, bcl2-L-3, mcl1/EAT, Induced
	myeloid leukemia cell differentiation protein Mcl-1, Bcl-2-like protein 3, Bcl-2-related protein
	EAT/mcl1, MCL1
	Background: Involved in the regulation of apoptosis versus cell survival, and in the maintenance
	of viability but not of proliferation. Mediates its effects by interactions with a number of other
	regulators of apoptosis. Isoform 1 inhibits apoptosis. Isoform 2 promotes apoptosis.
Gene ID:	4170
UniProt:	Q07820
Pathways:	MAPK Signaling
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	FCM 1:20-100
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

handled by trained staff only.

4 °C,-20 °C

Storage:

# Handling

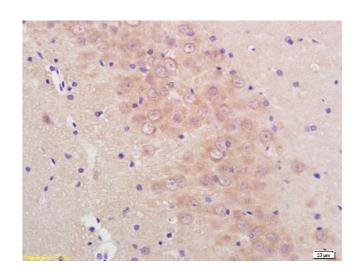
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

# **Publications**

Product cited in:

Braig, Wiedmann, Liebl, Singer, Kubisch, Schreiner, Abhari, Wagner, Kazmaier, Fulda, Vollmar: "Pretubulysin: a new option for the treatment of metastatic cancer." in: **Cell death & disease**, Vol. 5, pp. e1001, (2014) (PubMed).

# **Images**



## **Immunohistochemistry**

**Image 1.** Formalin-fixed and paraffin embedded rat brain labeled with Anti-Phospho-McI1 (Ser159/Thr163) Polyclonal Antibody, Unconjugated (ABIN743738) at 1:200, followed by conjugation to the secondary antibody and DAB staining