

For Research Use Only

# Mcl-1 delta S/TM-specific Polyclonal antibody



Catalog Number: 15824-1-AP

2 Publications

## Basic Information

<b>Catalog Number:</b> 15824-1-AP	<b>GenBank Accession Number:</b> NM_021960	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 133 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 4170	
<b>Source:</b> Rabbit	<b>Full Name:</b> myeloid cell leukemia sequence 1 (BCL2-related)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 29 kDa	

## Applications

**Tested Applications:**  
ELISA

**Cited Applications:**  
WB

**Species Specificity:**  
human, mouse

**Cited Species:**  
human

## Background Information

MCL-1 is an anti-apoptotic member of the Bcl-2 family originally isolated from the ML-1 human myeloid leukemia cell line. Similar to BCL2 and BCL2L1, MCL1 can interact with BAX and/or BAK1 to inhibit mitochondria-mediated apoptosis. Mcl-1 is critical for the proliferation and survival of myeloma cells in vitro, and overexpression of Mcl-1 protein in myeloma cells is associated with relapse and short event-free survival in multiple myeloma patients. Recent studies show that MCL-1 is upregulated in numerous haematological and solid tumour malignancies. Therefore, MCL-1 has been suggested as a potential new therapeutic target. This antibody is specific to the short isoform Mcl-1 delta S/TM.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xing Chang	35803438	Toxicol Appl Pharmacol	WB
Kazuharu Kamachi	36860654	Cancer Res Commun	WB

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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## Selected Validation Data