

For Research Use Only

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

Catalog Number: 15824-1-AP

4 Publications



## Basic Information

Catalog Number:

15824-1-AP

Size:

150ul, Concentration: 133 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_021960

GeneID (NCBI):

4170

UNIPROT ID:

Q07820

Full Name:

myeloid cell leukemia sequence 1 (BCL2-related)

Calculated MW:

29 kDa

Purification Method:

Antigen affinity purification

## 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
Qi Su	39258498	J Pharm Pharmacol	WB
Ke Nan	38376789	Dig Dis Sci	WB

## Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

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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