

## Mcl-1 Antibody

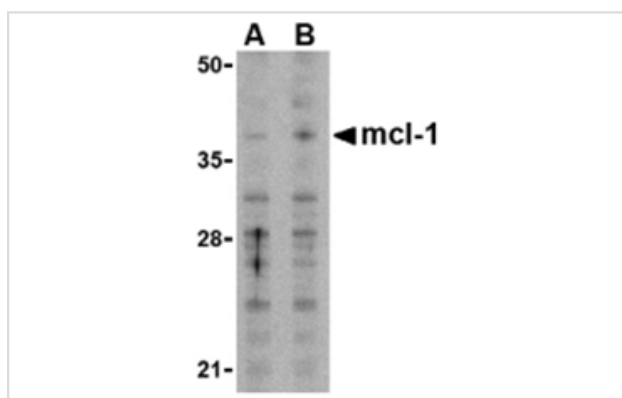
Catalog No: #24299

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

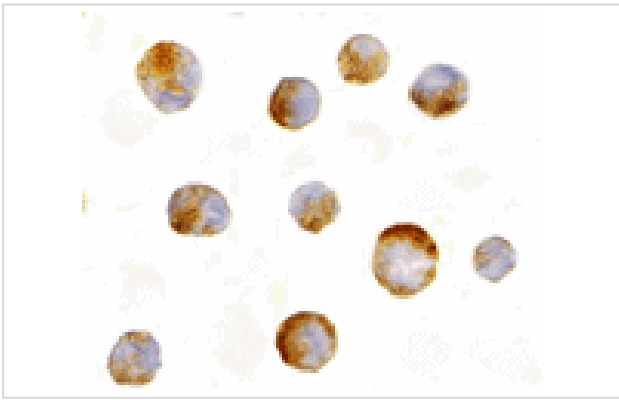
## Description

Product Name	Mcl-1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Ion exchange chromatography purified
Applications	ELISA WB ICC
Species Reactivity	Hu
Specificity	Detects both isoforms of Mcl-1
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to 16 amino acids near the amino-terminus of human Mcl-1.
Target Name	Mcl-1
Other Names	Myeloid cell leukemia 1
Accession No.	Swiss-Prot:Q07820Gene ID:4170
Uniprot	Q07820
GeneID	4170;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

## Images



Western blot analysis of Mcl-1 in Raji cell lysates with Mcl-1 antibody at (A) 1 and (B) 2 ug/mL.



Immunocytochemistry of Mcl-1 in Raji cells with Mcl-1 antibody at 10 ug/mL.

## Background

Myeloid cell leukemia-1 (Mcl-1) is a member of the Bcl-2 family of proteins that can act to promote cell survival. While the mechanism by which Mcl-1 inhibits apoptosis is not known, it is thought that it may heterodimerize and neutralize pro-apoptotic members of the Bcl-2 family such as Bim or Bak. Mcl-1 was originally identified in differentiating myeloid cells, but has since been shown to be expressed in multiple cell types. Mcl-1 is essential for embryogenesis and for the development and maintenance of B and T lymphocytes in animals. Mcl-1 exists as at least two distinct isoforms designated Mcl-1L and Mcl-1S. In marked contrast to the larger isoform of Mcl-1, overexpression of Mcl-1S promotes cell death.

Note: This product is for in vitro research use only