

For Research Use Only

MCL1 Polyclonal antibody

Catalog Number: 16979-1-AP



Basic Information

Catalog Number: 16979-1-AP	GenBank Accession Number: BC017197	Purification Method: Antigen affinity purification
Size: 170 µg/ml	GeneID (NCBI): 4170	
Source: Rabbit	UNIPROT ID: Q07820	
Isotype: IgG	Full Name: myeloid cell leukemia sequence 1 (BCL2-related)	
Immunogen Catalog Number: AG9900	Calculated MW: 350 aa, 37 kDa	

Applications

Tested Applications:
ELISA

Species Specificity:
human, mouse, rat

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.

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

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

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Selected Validation Data