

Goat anti-MCL1 Antibody

Item Number	dAP-0442
Target Molecule	Principle Name: MCL1; Official Symbol: MCL1; All Names and Symbols: MCL1; TM; EAT; MCL1L; MCL1S; MGC1839; MGC104264; myeloid cell leukemia sequence 1 (BCL2-related); induced myeloid leukemia cell differentiation protein Mcl-1; myeloid cell leukemia sequence 1; myeloid cell leukemia sequence 1, isoform 1; BCL2L3; Mcl-1; Accession Number (s): NP_068779.1; NP_001184249.1; Human Gene ID(s): 4170; Non-Human GenelD(s): 17210 (mouse)
Immunogen	AGVGAGLAYLIR, is from C Terminus This antibody is expected to recognise reported isoform 1 (NP_068779.1) and isoform 3 (NP_001184249.1).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 2000.
Western Blot	Western Blot: Approx 35kDa band observed in lysates of Human Lung (calculated MW of 37.3kDa according to NP_068779.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Opferman JT, Letai A, Beard C, Sorcinelli MD, Ong CC, Korsmeyer SJ. Development and maintenance of B and T lymphocytes requires antiapoptotic MCL-1. <i>Nature</i> . 2003 Dec 11;426(6967):671-6. PMID: 14668867 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**