

Goat anti-MCL1 Antibody

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| 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. Nature. 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**