

## Goat anti-EVI1 / AML1 Antibody

<b>Item Number</b>	dAP-2051
<b>Target Molecule</b>	Principle Name: EVI1 / AML1; Official Symbol: MECOM; All Names and Symbols: MECOM; MDS1 and EVI1 complex locus; AML1-EVI-1; EVI1; MDS1; MDS1-EVI1; MGC163392; MGC97004; PRDM3; AML1-EVI-1 fusion protein; ecotropic viral integration site 1; myelodysplasia syndrome 1; myelodysplasia syndrome-associated protein 1; oncogene EVI1; zinc ; Accession Number (s): NP_001098547.3; NP_005232.2; NP_004982.2; NP_001157471.1; NP_001157472.1; Human Gene ID(s): 2122; Non-Human
<b>Immunogen</b>	DKESLHSTSH, is from internal region This antibody is expected to recognize all reported isoforms (NP_001098547.3; NP_005232.2; NP_004982.2; NP_001157471.1; NP_001157472.1). Reported variants represent identical protein:
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	Western Blot: Approx 170kDa band observed in lysates of cell lines A549 and HepG2 (calculated MW of 126kDa according to NP_001098547.3). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources
<b>IHC</b>	
<b>Reference</b>	Reference(s): Konrad TA, Karger A, Hackl H, Schwarzingler I, Herbacek I, Wieser R, Inducible expression of EVI1 in human myeloid cells causes phenotypes consistent with its role in myelodysplastic syndromes. Journal of leukocyte biology 2009 Oct 86 (4): 813-22..PMID: 19605700->

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**