

## Goat anti-PRDM16 / MEL1 Antibody

<b>Item Number</b>	dAP-0132
<b>Target Molecule</b>	Principle Name: PRDM16 / MEL1; Official Symbol: PRDM16; All Names and Symbols: PRDM16; MEL1; KIAA1675; PR domain containing 16; transcription factor MEL1; MGC166915; PFM13; MDS1/EVI1-like; PR -domain zinc finger protein 16; Accession Number (s): NP_071397.2; NP_955533.1; Human Gene ID(s): 63976; Non-Human GeneID(s):
<b>Immunogen</b>	TSESGAFHPINHL, is from C Terminus This antibody is expected to recognise both reported isoforms.
<b>Applications</b>	Pep ELISA  Species Tested:
<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 32000.
<b>Western Blot</b>	Western Blot: No signal obtained yet but low background observed in Raji, Daudi, MOLT-4 and human brain lysates at up to 2µg/ml.
<b>IHC</b>	

<b>Reference</b>	Reference(s): Mochizuki N, Shimizu S, Nagasawa T, Tanaka H, Taniwaki M, Yokota J, Morishita K. A novel gene, MEL1, mapped to 1p36.3 is highly homologous to the MDS1/EVI1 gene and is transcriptionally activated in t(1;3)(p36;q21)-positive leukemia cells. Blood 2000 Nov 1;96(9):3209-14.PMID: 11050005->
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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**