

Goat anti-PRDM1 / BLIMP1 Antibody

Item Number	dAP-0377
Target Molecule	Principle Name: PRDM1 / BLIMP1; Official Symbol: PRDM1; All Names and Symbols: PRDM1; PR domain containing 1, with ZNF domain; RP1-134E15.1; BLIMP1; MGC118922; MGC118923; MGC118924; MGC118925; PRDI-BF1; B-lymphocyte-induced maturation protein 1; PR domain containing 1, with ZNF domain, isoform 2; PR-domain zinc finger protein 1; PRD; Accession Number (s): NP_001189.2; NP_878911.1; Human Gene ID(s): 639; Non-Human GeneID(s): 12142 (mouse)
Immunogen	KVKQETVEPMDP, is from C Terminus This antibody is expected to recognize both reported isoforms (NP_001189.2 and NP_878911.1).
Applications	Pep ELISA, WB, IHC 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 100kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 91.8kDa according to NP_001189.2 and of 76.8 according to NP_878911.1). Recommended concentration: 1-3µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Tonsil shows nuclear staining in select tonsil cells. Recommended concentration: 2-4µg/ml.
Reference	Reference(s): Chang DH, Angelin-Duclos C, Calame K. BLIMP-1: trigger for differentiation of myeloid lineage. Nat Immunol. 2000 Aug;1(2):169-76..PMID: 11248811 ->

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**