Goat anti-PU.1 Antibody

Item Number	dAP-1538
Target Molecule	Principle Name: PU.1; Official Symbol: SPI1; All Names and Symbols: PU.1; SPI1; spleen focus forming virus (SFFV) proviral integration oncogene spi1 ; hCG_25181; SFPI1; SPI-1; SPI-A; 31 kDa transforming protein; SPI-1 proto-oncogene; hematopoietic transcription factor PU.1; Accession Number (s): NP_001074016.1; NP_003111.2; Human Gene ID(s): 6688; Non-Human GeneID(s): 366126 (rat)
Immunogen	DLYQRQTHEYY, is from internal region This antibody is expected to recognise both reported isoforms (NP_001074016.1; NP_003111.2).
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; Reconsititute 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 32000.
Western Blot	Western Blot: Approx 40kDa band observed in lysates of DAUDI and K562 (calculated MW of 31.2kDa according to NP_001074016.1 and of 31.1kDa according to NP_003111.2). The observed molecular weight corresponds to earlier findings in literature with differe
IHC	Immunohistochemistry: Paraffin embedded Human Spleen and Colon (lymphoid aggregate). Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Uvarov P, Ludwig A, Markkanen M, Rivera C, Airaksinen MS. Upregulation of the neuron-specific K+/Cl- cotransporter expression by transcription factor early growth response 4. J Neurosci. 2006 Dec 27;26(52):13463-73..PMID: 17192429 ->

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