

Goat anti-CD7 (aa132-146) Antibody

Item Number	dAP-2586
Target Molecule	Principle Name: CD7 (aa132-146); Official Symbol: CD7; All Names and Symbols: CD7; CD7 molecule; GP40; LEU-9; TP41; Tp40; CD7 antigen (p41); T-cell antigen CD7; T-cell leukemia antigen; T-cell surface antigen Leu-9; p41 protein; Accession Number (s): NP_006128.1; Human Gene ID(s): 924; Non-Human GenelD(s):
Immunogen	TEEQSQGWHRCSDAP, is from internal region The immunizing peptide corresponds to a part of the extracellular domain.
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 32000.
Western Blot	Western Blot: Approx 37kDa band observed in Human Thymus lysates (calculated MW of 25.4kDa according to NP_006128.1). We do note that CD7 is a glycoprotein which makes a higher size band to be expected. The observed molecular weight corresponds to earlier
IHC	
Reference	Reference(s): Rogers SL, Zhao Y, Jiang X, Eaves CJ, Mager DL, Rouhi A. Expression of the leukemic prognostic marker CD7 is linked to epigenetic modifications in chronic myeloid leukemia. Mol Cancer. 2010 Feb 22;9:41.. PMID: 20175919->

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 end users! This product is sold for **Research Use Only**