



## Goat anti-CD83 (aa97-106) Antibody

<b>Item Number</b>	dAP-3394
<b>Target Molecule</b>	Principle Name: CD83 (aa97-106); Official Symbol: CD83; All Names and Symbols: CD83; CD83 molecule; BL11; HB15; B-cell activation protein; CD83 antigen; CD83 antigen (activated B lymphocytes, immunoglobulin superfamily); cell surface protein HB15; cell-surface glycoprotein; hCD83; Accession Number (s): NP_004224.1; NP_001035370.1; NP_001238830.1; Human Gene ID(s): 9308; Non-Human GeneID(s):
<b>Immunogen</b>	TTSCNSGTYR, is from internal region This antibody is expected to recognize all reported isoforms (NP_004224.1; NP_001035370.1; NP_001238830.1).
<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 4000.
<b>Western Blot</b>	Western Blot: Approx 17kDa band observed in lysates of cell line Daudi (calculated MW of 16.6kDa according to NP_001238830.1). Recommended concentration: 1-3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Zhang L, Narayanan N, Brand SR, Nicolette CA, Baroja M, Arp J, Wang H, Moo-Young M, Chou CP. Structural identification of recombinant human CD83 mutant variant as a potent therapeutic protein. Protein expression and purification 2010 Oct 73 (2): 140-6..PMID: 20566323->

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**