

## Goat anti-CD80 Antibody

<b>Item Number</b>	dAP-1915
<b>Target Molecule</b>	Principle Name: CD80; Official Symbol: CD80; All Names and Symbols: CD80; CD80 molecule; CD28LG; CD28LG1; LAB7; B-lymphocyte activation antigen B7; CD80 antigen; CD80 antigen (CD28 antigen ligand 1, B7-1 antigen); costimulatory factor CD80; costimulatory molecule variant IgV-CD80; Accession Number (s): NP_005182.1; Human Gene ID(s): 941; Non-Human GeneID(s):
<b>Immunogen</b>	HLRVNQTFNWNTTK, is from internal region
<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 60kDa band observed in Human Lymph Node and Human Tonsil lysates (calculated MW of 33.0kDa according to NP_005182.1). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial source
<b>IHC</b>	
<b>Reference</b>	Reference(s): Stephan MT, Ponomarev V, Brentjens RJ, Chang AH, Dobrenkov KV, Heller G, Sadelain M, T cell-encoded CD80 and 4-1BBL induce auto- and transcostimulation, resulting in potent tumor rejection. Nature medicine 2007 Dec 13 (12): 1440-9..PMID: 18026115->

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**