

## Goat anti-CD40 (isoform 1) Antibody

<b>Item Number</b>	dAP-3265
<b>Target Molecule</b>	Principle Name: CD40 (isoform 1); Official Symbol: CD40; All Names and Symbols: CD40; CD40 molecule, TNF receptor superfamily member 5; Bp50; CDW40; MGC9013; TNFRSF5; p50; B cell surface antigen CD40; B cell-associated molecule; B-cell surface antigen CD40; CD40 antigen (TNF receptor superfamily member 5); CD40 type II isoform; CD40L; Accession Number (s): NP_001241.1; Human Gene ID(s): 958; Non-Human GenelD(s):
<b>Immunogen</b>	PQEINFPDDLPGSN, is from internal region This antibody is expected to recognize isoform 1 (NP_001241.1) only.
<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 128000.
<b>Western Blot</b>	Western Blot: Approx 48kDa band observed in lysates of cell line Daudi (calculated MW of 30.6kDa according to NP_001241.1). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 1-3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Vazgjavourakis VM, Zervou MI, Choulaki C, Bertsias G, Melissourgaki M, Yilmaz N, Sidiropoulos P, Plant D, Trouw LA, Toes RE, Kardassis D, Yavuz S, Boumpas DT, Goulielmos GN. A common SNP in the CD40 region is associated with systemic lupus erythematosus and correlates with altered CD40 ex-

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**