

Goat anti-CD4 Antibody

Item Number	dAP-3218
Target Molecule	Principle Name: CD4; Official Symbol: CD4; All Names and Symbols: CD4; CD4 molecule; CD4mut; CD4 antigen (p55); CD4 receptor; T-cell surface antigen T4/Leu-3; T-cell surface glycoprotein CD4; Accession Number (s): NP_000607.1; NP_001181943.1; Human Gene ID(s): 920; Non-Human GeneID(s):
Immunogen	KNKEVSVKRVQTQDPK, is from internal region This antibody is expected to recognize isoform 1 (NP_000607.1) and isoform 2 (NP_001181943.1).
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 128000.
Western Blot	Western Blot: Approx 30kDa band observed in Human Spleen lysates (calculated MW of 31.3kDa according to NP_001181943.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Bernstein HB, Plasterer MC, Schiff SE, Kitchen CM, Kitchen S, Zack JA. CD4 expression on activated NK cells: ligation of CD4 induces cytokine expression and cell migration. <i>Journal of immunology</i> (Baltimore, Md. : 1950) 2006 Sep 177 (6): 3669-76.. PMID: 16951326->

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**