

Goat anti-CD4 Antibody

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| 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 | KNKEVSVKRVTDQPK, 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. Journal of immunology (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 ender users! This product is sold for **Research Use Only**