

Goat anti-CD19 (aa422-433) Antibody

Item Number	dAP-2861
Target Molecule	Principle Name: CD19 (aa422-433); Official Symbol: CD19; All Names and Symbols: CD19; CD19 molecule; B4; CVID3; B-lymphocyte antigen CD19; B-lymphocyte surface antigen B4; T-cell surface antigen Leu-12; differentiation antigen CD19; Accession Number (s): NP_001171569.1; NP_001761.3; Human Gene ID(s): 930; Non-Human GeneID(s):
Immunogen	ENDSNLGQDQLS, is from internal region This antibody is expected to recognize both reported isoforms (NP_001171569.1; NP_001761.3).
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 32000.
Western Blot	Western Blot: Approx 75kDa band observed in lysates of cell lines Jurkat and MOLT4 (calculated MW of 61.1kDa according to NP_001761.3). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Dobbs AK, Bosompem A, Coustan-Smith E, Tyerman G, Saulsbury FT, Conley ME. Agammaglobulinemia associated with BCR α B cells and enhanced expression of CD19. Blood. 2011 Aug 18;118(7):1828-37..PMID: 21693761->

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**