

Goat anti-CD20 / MS4A1 (C Terminus) Antibody

Item Number	dAP-0014
Target Molecule	Principle Name: CD20 / MS4A1 (C Terminus); Official Symbol: MS4A1; All Names and Symbols: MS4A1; membrane-spanning 4-domains, subfamily A, member 1; B1; S7; BP35; CD20; LEU-16; MGC3969; CD20 antigen; CD20 receptor; B-lymphocyte cell-surface antigen B1; Accession Number (s): NP_068769.2; NP_690605.1; Human Gene ID(s): 931; Non-Human GeneID(s):
Immunogen	CQDQESSPIENDSSP, is from C Terminus Please note that both reported variants (NP_068769.2 and NP_690605.1) encode the same protein.
Applications	Pep ELISA, WB, IHC 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 35kDa band observed in Human Lymph Node lysates (calculated MW of 33.1kDa according to NP_068769.2). Recommended concentration: 0.03-0.1µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Tonsil shows membranous staining mainly in the Germinal Center. Recommended concentration: 2-4µg/ml.
Reference	Reference(s): Stamenkovic I, Seed B. Analysis of two cDNA clones encoding the B lymphocyte antigen CD20 (B1, Bp35), a type III integral membrane protein. J Exp Med 1988 Jun 1;167(6):1975-80.PMID: 3260267->

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**