

Goat anti-CADM1 Antibody

Item Number	dAP-2891
Target Molecule	Principle Name: CADM1; Official Symbol: CADM1; All Names and Symbols: CADM1; cell adhesion molecule 1; BL2; DKFZp686F1789; IGSF4; IGSF4A; MGC149785; MGC51880; NECL2; Necl-2; RA175; ST17; SYNCAM; TSLC1; sTSLC-1; sglGSF; synCAM1; TSLC1/Nectin-like 2/IGSF4; immunoglobulin superfamily, member 4; nectin-like 2; nectin-like prote; Accession Number (s): NP_055148.3; NP_001091987.1; Human Gene ID(s): 23705; Non-Human GeneID(s): 54725 (mouse) 363058 (rat)
Immunogen	NLQTQRYLEVQ, is from internal region This antibody is expected to recognize both reported isoforms (NP_055148.3; NP_001091987.1).
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 60-65kDa double band observed in Human Colorectal cancer lysates (calculated MW of 48.5kDa according to NP_055148.3). The observed sizes correspond to glycosylated forms. Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Berginc G, Bracko M, Glavac D, MS-MLPA reveals progressive age-dependent promoter methylation of tumor suppressor genes and possible role of IGSF4 gene in colorectal carcinogenesis of microsatellite instable tumors. Cancer investigation 2010 Jan 28 (1): 94-102..PMID: 19995226->

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**