

Goat anti-syndecan 1 / CD138 Antibody

Item Number	dAP-3051
Target Molecule	Principle Name: syndecan 1 / CD138; Official Symbol: SDC1; All Names and Symbols: SDC1; syndecan 1; CD138; SDC; SYND1; syndecan; CD138 antigen; heparan sulfate proteoglycan fibroblast growth factor receptor; syndecan proteoglycan 1; syndecan-1; Accession Number (s): NP_002988.3; Human Gene ID(s): 6382; Non-Human GeneID(s):
Immunogen	REQEATPRPRETTQ, is from internal region Reported variants represent identical protein: NP_001006947.1, NP_002988.3.
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 2000.
Western Blot	Western Blot: Approx 37kDa band observed in lysates of cell line HepG2 and of Gastrointestinal cancer and Spinal Cord cancer (calculated MW of 32.5kDa according to NP_002988.3). The observed molecular weight corresponds to the glycosylated form. Recommend
IHC	
Reference	Reference(s): Wu YH, Yang CY, Chien WL, Lin KI, Lai MZ. Removal of syndecan-1 promotes TRAIL-induced apoptosis in myeloma cells. Journal of immunology (Baltimore, Md. : 1950) 2012 Mar 188 (6): 2914-21..PMID: 22308310->

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**