

Goat anti-VTCN1 (aa153-165) Antibody

Item Number	dAP-2563
Target Molecule	Principle Name: VTCN1 (aa153-165); Official Symbol: VTCN1; All Names and Symbols: VTCN1; V-set domain containing T cell activation inhibitor 1; B7-H4; B7H4; B7S1; B7X; B7h.5; FLJ22418; PRO1291; VCTN1; T cell costimulatory molecule B7x; T-cell costimulatory molecule B7x; V-set domain-containing T-cell activation inhibitor 1; immune cost; Accession Number (s): NP_078902.2; Human Gene ID(s): 79679; Non-Human GenelD(s): 242122 (mouse) 295322 (rat)
Immunogen	PEVNVDYNASSET, is from internal region
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 16000.
Western Blot	Western Blot: Approx 28kDa band observed in Human Spleen lysates (calculated MW of 30.9kDa according to NP_078902.2). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Arigami T, Uenosono Y, Hirata M, Hagihara T, Yanagita S, Ishigami S, Natsugoe S. Expression of B7-H4 in blood of patients with gastric cancer predicts tumor progression and prognosis. J Surg Oncol. 2010 Dec 1;102(7):748-52.. PMID: 20872810->

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**