ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-B7-H4 Antibody

Item Number	dAP-1172
Target Molecule	Principle Name: B7-H4; Official Symbol: VTCN1; All Names and Symbols: B7-H4; B7H4; B7S1; B7X; B7h.5; FLJ22418; PRO1291; RP11-229A19.4; VCTN1; T cell costimulatory molecule B7x; immune costimulatory protein; V-set domain containing T cell activation inhibitor 1; Accession Number (s): NP_078902.2; Human Gene ID(s): 79679; Non-Human GeneID(s): 242122 (mouse) 295322 (rat)
Immunogen	SKGKGNANLEYK, 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; Reconsititute 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 64000.
Western Blot	Western Blot: Approx 28kDa band observed in Human Pancreas lysates (calculated MW of 30.9kDa according to NP_078902.2). Recommended concentration: 0.5-1.5µg/ml.
IHC	
Reference	Reference(s): Krambeck AE, Thompson RH, Dong H, Lohse CM, Park ES, Kuntz SM, Leibovich BC, Blute ML, Cheville JC, Kwon ED. B7-H4 expression in renal cell carcinoma and tumor vasculature: associations with cancer progression and survival. Proc Natl Acad Sci U S A. 2006 Jul 5;103(27):10391-6. Epub 2006

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

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