

Goat anti-ITGB1 / CD29 Antibody

Item Number	dAP-3134
Target Molecule	Principle Name: ITGB1 / CD29; Official Symbol: ITGB1; All Names and Symbols: ITGB1; integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12); CD29; FNRB; GPIIA; MDF2; MSK12; VLAB; OTTHUMP00000046253; OTTHUMP00000063731; OTTHUMP00000063732; OTTHUMP00000063733; fibronectin receptor beta subunit; i; Accession Number (s): NP_596867.1; NP_002202.2; NP_389647.1; NP_391987.1; NP_391989.1; NP_391988.1; Human Gene ID(s): 3688; Non-
Immunogen	NKCPKKDSDFKIRP, is from Internal region This antibody is expected to recognize all reported isoforms (NP_596867.1; NP_002202.2; NP_389647.1; NP_391987.1; NP_391989.1; NP_391988.1)
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 150kDa band observed in Human Gastrointestinal cancer and Gall Bladder cancer lysates (calculated MW of 88.4kDa according to 596867.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Zhang X, Groopman JE, Wang JF. Extracellular matrix regulates endothelial functions through interaction of VEGFR-3 and integrin alpha5beta1. J Cell Physiol. 2005 Jan;202(1):205-14..PMID: 15389531 ->

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**