Goat anti-Caveolin 1, Biotinylated Antibody

Item Number	dAP-3341
Target Molecule	Principle Name: Caveolin 1, Biotinylated; Official Symbol: CAV1; All Names and Symbols: CAV1; caveolin 1; BSCL3; CGL3; LCCNS; MSTP085; PPH3; VIP21; caveolin 1, caveolae protein, 22kDa; cell growth-inhibiting protein 32; Accession Number (s): NP_001744.2; NP_001166366.1; Human Gene ID(s): 857; Non-Human GeneID(s): 12389 (mouse) 25404 (rat)
Immunogen	DELSEKQVYDAH., is from internal region This antibody is expected to recognize both reported isoforms (NP_001744.2; NP_001166366.1). Reported variants represent identical protein: NP_001166367.1, NP_001166368.1, NP_001166366.1. No cross-
Applications	Pep ELISA, WB, ICC 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 8000.
Western Blot	Western Blot: Approx 22+24kDa band observed in Human spleen lysates (calculated MW of 20.5kDa according to NP_001744.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Cavallo-Medved D, Mai J, Dosescu J, Sameni M, Sloane BF. Caveolin-1 mediates the expression and localization of cathepsin B, pro-urokinase plasminogen activator and their cell-surface receptors in human colorectal carcinoma cells. Journal of cell science 2005 Apr 118 (Pt 7): 1493-503..PMID:

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