

Goat anti-ITGB2 / LFA-1 (aa86-99) Antibody

Item Number	dAP-3175
Target Molecule	Principle Name: ITGB2 / LFA-1 (aa86-99); Official Symbol: ITGB2; All Names and Symbols: ITGB2; integrin, beta 2 (complement component 3 receptor 3 and 4 subunit); CD18; LAD; LCAMB; LFA-1; MAC-1; MF17; MFI7; cell surface adhesion glycoprotein LFA-1/CR3/P150,959 beta subunit precursor; cell surface adhesion glycoproteins LFA-1/CR3/p150,95 sub; Accession Number (s): NP_000202.2; Human Gene ID (s): 3689; Non-Human GeneID(s):
Immunogen	ETQEDHNGGQKQLS, is from internal region Reported variants represent identical protein: NP_001120963.1, NP_000202.2.
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 90kDa band observed in lysates of cell lines K562 and U937 (calculated MW of 84.8kDa according to NP_000202.2). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Bolomini-Vittori M, Montresor A, Giagulli C, Staunton D, Rossi B, Martinello M, Constantin G, Laudanna C. Regulation of conformation-specific activation of the integrin LFA-1 by a chemokine-triggered Rho signaling module. Nature immunology 2009 Feb 10 (2): 185-94..PMID: 19136961->

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**