

Goat anti-ITGA1 / VLA1 Antibody

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| Item Number | dAP-3193 |
| Target Molecule | Principle Name: ITGA1 / VLA1; Official Symbol: ITGA1; All Names and Symbols: ITGA1; integrin, alpha 1; CD49a; VLA1; CD49 antigen-like family member A; VLA-1; integrin alpha-1; laminin and collagen receptor; very late activation protein 1; Accession Number (s): NP_852478.1; Human Gene ID(s): 3672; Non-Human GenID(s): |
| Immunogen | DKHDFQDSVRIT, 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 128000. |
| Western Blot | Western Blot: Approx 150kDa band observed in lysates of cell lines HepG2 and HeLa (calculated MW of 131kDa according to NP_852478.1). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.3-1µg/ml. |
| IHC | |
| Reference | Reference(s): Roberts AI, Brolin RE, Ebert EC. Integrin alpha1beta1 (VLA-1) mediates adhesion of activated intraepithelial lymphocytes to collagen. <i>Immunology</i> 1999 Aug 97 (4): 679-85..PMID: 10457223-> |

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 end users! This product is sold for **Research Use Only**