

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service: <u>customerservice@vectorlabs.com</u> Technical Service: <u>technical@vectorlabs.com</u>

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB12558 - Goat Anti-ITGA1 / VLA1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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

Official Symbol: ITGA1 Accession Number(s): NP_852478.1 Human GeneID(s): <u>3672</u>

Immunogen

Peptide with sequence C-DKHDFQDSVRIT, from the internal region of the protein sequence according to NP_852478.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

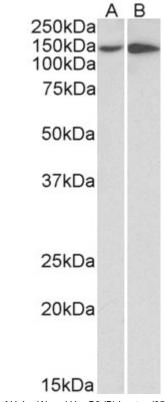
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

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.

Species Reactivity

Tested: Human Expected from sequence similarity: Human



EB12558 (0.5µg/ml) staining of HeLa (A) and HepG2 (B) lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.