



## International Office

### Everest Biotech Ltd

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

Customer Service:

[customerservice@vectorlabs.com](mailto:customerservice@vectorlabs.com)

Technical Service:

[technical@vectorlabs.com](mailto:technical@vectorlabs.com)

Tel: +1 (800) 227-6666

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB12703 - Goat Anti-ITGA3 (isoform a) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ITGA3, integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor), CD49C, GAP-B3, GAPB3, ILNEB, MSK18, VCA-2, VL3A, VLA3a, CD49 antigen-like family member C, FRP-2, VLA-3 subunit alpha, antigen identified by monoclonal antibody J143, galactoprot

**Official Symbol:** ITGA3

**Accession Number(s):** NP\_002195.1

**Human GeneID(s):** [3675](#)

**Non-Human GeneID(s):** 16400 (mouse)

**Important Comments:** This antibody is expected to recognize reported isoform a (NP\_002195.1).

### Immunogen

Peptide with sequence C-KSQPSETERLTDD, from the C Terminus of the protein sequence according to NP\_002195.1.

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 100kDa band observed in Human and Mouse Heart lysates (calculated MW of 117kDa according to NP\_002195.1). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human, Mouse

**Expected from sequence similarity:** Human, Mouse, Pig, Cow



EB12703 (1 $\mu$ g/ml) staining of Human (A) and Mouse (B) Heart lysates (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.