

## 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.**

## EB08199 - Goat Anti-ITGB1 / CD29 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ITGB1, integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12), CD29, FNBR, GPIIA, MDF2, MSK12, VLAB, OTTHUMP00000046253, OTTHUMP00000063731, OTTHUMP00000063732, OTTHUMP00000063733, fibronectin receptor beta subunit, i

**Official Symbol:** ITGB1

**Accession Number(s):** NP\_596867.1; NP\_002202.2; NP\_389647.1; NP\_391987.1; NP\_391989.1; NP\_391988.1

**Human GeneID(s):** [3688](#)

**Important Comments:** This antibody is expected to recognize all reported isoforms (NP\_596867.1; NP\_002202.2; NP\_389647.1; NP\_391987.1; NP\_391989.1; NP\_391988.1)

### Immunogen

Peptide with sequence NKCPKKDSDSKIRP, from the Internal region of the protein sequence according to NP\_596867.1; NP\_002202.2; NP\_389647.1; NP\_391987.1; NP\_391989.1; NP\_391988.1.

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 Human Gastrointestinal cancer and Gall Bladder cancer lysates (calculated MW of 88.4kDa according to 596867.1).

Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB08199 (0.5 $\mu$ g/ml) staining of Gastric cancer (A) and Gall Bladder cancer (B) lysates (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.