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# 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, FNRB, GPIIA, MDF2, MSK12, VLAB, OTTHUMP00000046253, OTTHUMP00000063731, OTTHUMP00000063732,

OTTHUMP0000063733, 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 NKCPKKDSDSFKIRP, 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

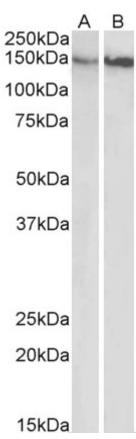
Bladder cancer lysates (calculated MW of 88.4kDa according to 596867.1).

Recommended concentration: 0.3-1µg/ml.

### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human



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