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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, 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: $0.3-1\mu g/ml$.

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.