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