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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): <u>3675</u> 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.

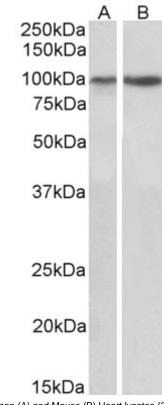
Aliquot and store at -20°C. Minimize freezing and thawing.

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