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Research Use Only. Not for diagnostic or therapeutic use.

EB09957 - Goat Anti-Herculin / MYF6 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: bHLHc4, herculin, MRF4, myogenic factor 6, myogenic factor 6

(herculin), myogenic factor-6, MYF6

Official Symbol: MYF6

Accession Number(s): NP_002460.1

Human GeneID(s): 4618

Non-Human GenelD(s): 17878 (mouse), 25714 (rat)

Immunogen

Peptide with sequence C-SYRPKQENLEGAD, from the internal region of the protein sequence according to NP_002460.1.

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

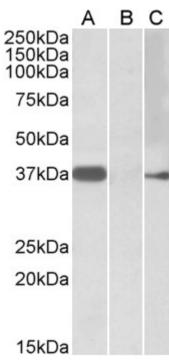
Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: In transfected HEK293 transiently expressing full-length Human MYF6 (myc and DYKDDDDK tagged), a band of approx. 37kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-myc tag antibody. Recommended concentration, 0.5-1µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Cow, Pig



HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human MYF6 with MYC tag probed with EB09957 (0.5ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with EB09957 (0.5mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.