

#### **International Office**

**Everest Biotech Ltd** 

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# EB08504 - Goat Anti-MYF5 Antibody

Size: 100µg specific antibody in 200µl



**Target Protein** 

Principal Names: MYF5, myogenic factor 5

Official Symbol: MYF5

Accession Number(s): NP\_005584.1

Human GenelD(s): 4617

## Immunogen

Peptide with sequence PECNSPVWSRKSST, from the internal region of the protein sequence according to NP\_005584.1.

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**

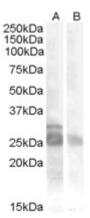
Peptide ELISA: antibody detection limit dilution 1:32000.

**Western blot:** Approx 28kDa band observed in Human Skeletal Muscle lysates (calculated MW of 28.4kDa according to NP\_005584.1). Recommended concentration: 0.5-1.5µg/ml. An additional band of 26kDa was consistently observed, however this band was not blocked by the immunizing peptide and it is therefore a non-specific signal. We call for caution when used for other assays than Western blot.

#### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human



EB08504 (0.5μg/ml) staining of Muscle lysate (35μg protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.