



Everest Biotech Ltd
Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD, United Kingdom

everestbiotech.com

sales@everestbiotech.com

support@everestbiotech.com

Tel +44 1869 238326

Fax +44 1869 238327

Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB05882 - Goat Anti-MURF2 / TRIM55 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: muscle specific ring finger 2, tripartite motif-containing 55, for muscle specific ring finger 2, ring finger protein 29, MURF-2, RNF29, TRIM55

Official Symbol: TRIM55

Accession Number(s): NP_908973.1; NP_908974.1; NP_908975.1

Human GeneID(s): [84675](#)

Non-Human GeneID(s): 381485 (mouse), 365751 (rat)

Important Comments: This antibody is expected to recognize isoforms 1, 3 and 4 (NP_908973.1, NP_908974.1 and NP_908975.1 resp.).

Immunogen

Peptide with sequence C-HIFSFSWLNSLNE, from the C Terminus of the protein sequence according to NP_908973.1; NP_908974.1; NP_908975.1.

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 1:16000.

Western blot: Approx 85kDa band observed in Human and Mouse Heart lysates (calculated MW of 60.5kDa according to NP_908973.1). The observed molecular weight corresponds to earlier findings in literature with the same antibody (Willis et al, Circ Res. 2007 Mar 2;100(4):456-9. PMID: 17272810). Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig

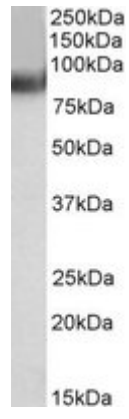
Specific Reference

The goat polyclonal antibody used in this paper was manufactured by us:

Willis MS, Ike C, Li L, Wang DZ, Glass DJ, Patterson C.

Muscle ring finger 1, but not muscle ring finger 2, regulates cardiac hypertrophy in vivo. Circ Res. 2007 Mar 2;100(4):456-9.

PMID: 17272810



EB05882 (0.1µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.