

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

**Research Use Only. Not for
diagnostic or therapeutic use.**

EB05882 - Goat Anti-MURF2 / TRIM55 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

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-HIFSFSWLNLSNE, 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 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. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Pig, Rat and Mouse Heart, and Pig and Mouse Skeletal Muscle for this particular batch.

IHC: Paraffin embedded Human Heart. Recommended concentration: 10µg/ml.

Species Reactivity

Tested: Human

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

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

EB05882 (10µg/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.