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**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

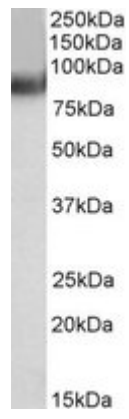
### Specific Reference

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.