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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 GenelD(s): 381485 (mouse), 365751 (rat)

Important Comments: This antibody is expected to recognize isoforms 1, 3 and 4

(NP_908973.1, NP_908974.1and 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 58kDa band observed in lysates of cell line HeLa (calculated MW of 60.5kDa according to NP_908973.1). Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature

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

Immunofluorescence: Strong expression of the protein seen in the Golgi and cytoplasm of U2OS cells. Recommended concentration: 10µg/ml.

Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.

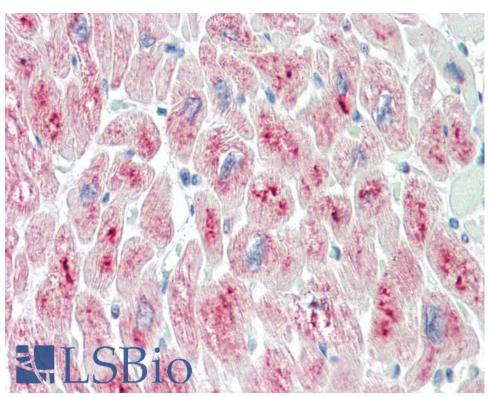
Species Reactivity

Tested: Human

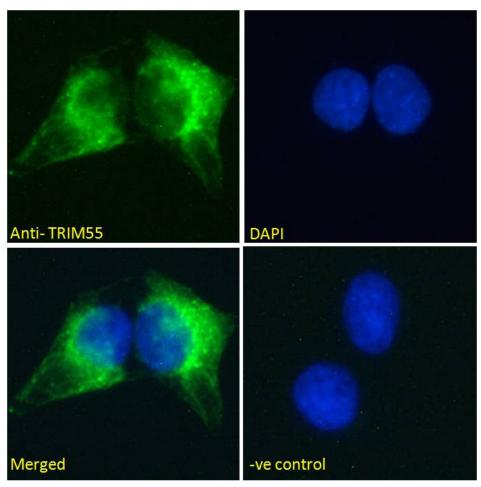
Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig



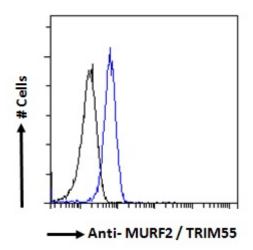
EB05882 (2µg/ml) staining of HeLa cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



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



EB05882 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing Golgi and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB05882 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control:

Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.