



## International Office

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

## EB05879-T - Goat Anti-MURF1 / TRIM63 (N Term) Antibody - Trial

Size: 20µg specific antibody in 40µl



### Target Protein

**Principal Names:** TRIM63, MURF1, MURF-1, RNF28, ring finger protein 28, IRF, SMRZ, MURF2, FLJ32380, iris ring finger protein, muscle specific ring finger protein 2, striated muscle RING zinc finger protein, tripartite motif-containing 63, muscle specific ring finger protein 1

**Official Symbol:** TRIM63

**Accession Number(s):** NP\_115977.2

**Human GeneID(s):** [84676](#)

### Immunogen

Peptide with sequence DYKSSLIQDGNPM-C, from the N Terminus of the protein sequence according to NP\_115977.2.

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.

**IHC:** In paraffin embedded Human Skeletal Muscle shows strong staining in rare nuclei, and weak staining of muscle fibres in longitudinal section. Recommended concentration: 1.25µg/ml.

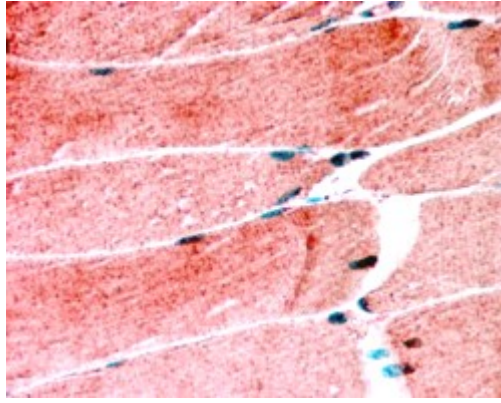
**Immunofluorescence:** Strong expression of the protein seen in the cytoplasm of A549 cells. Recommended concentration: 10µg/ml.

**Flow Cytometry:** Flow cytometric analysis of A549 cells. Recommended concentration: 10ug/ml.

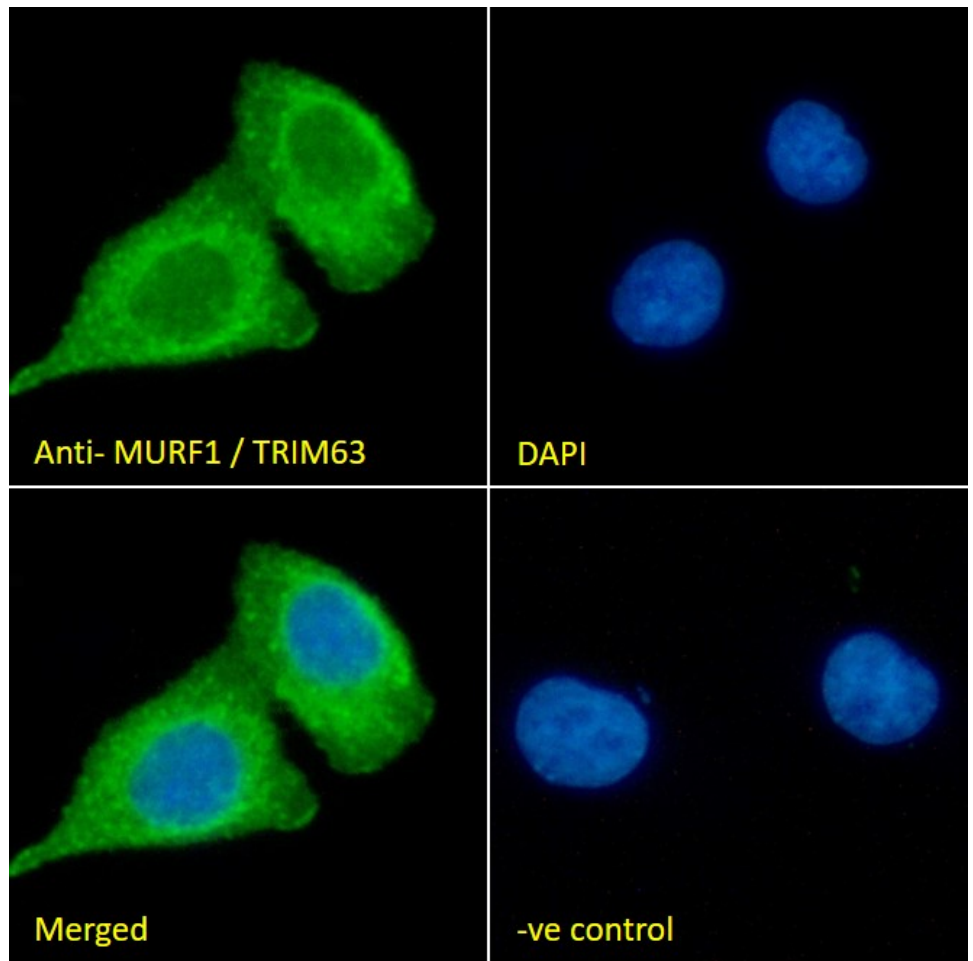
### Species Reactivity

**Tested:** Human

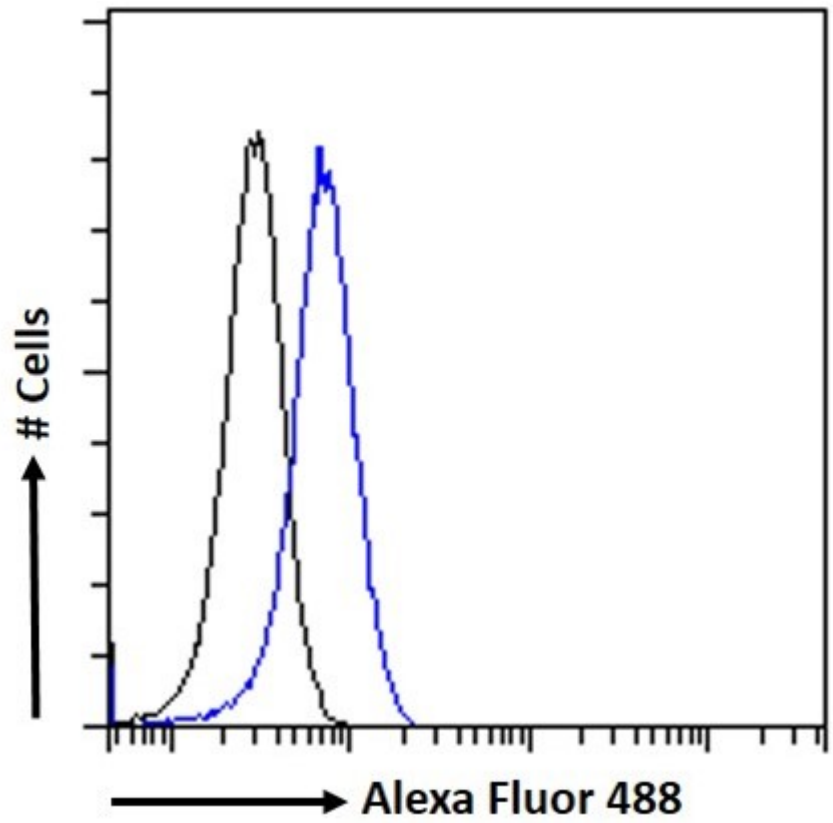
**Expected from sequence similarity:** Human, Cow



EB05879 (1.25µg/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB05879 Immunofluorescence analysis of paraformaldehyde fixed A549 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB05879 Flow cytometric analysis of paraformaldehyde fixed A549 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.