

Datasheet for ABIN184953  
**anti-TRIM55 antibody (C-Term)**



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5 Images

## Overview

Quantity:	100 µg
Target:	TRIM55
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TRIM55 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF)

## Product Details

Purpose:	MURF2 / TRIM55
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.
Sequence:	HIFSFSWLNS LNE
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoforms 1, 3 and 4 (NP_908973.1, NP_908974.1 and NP_908975.1 resp.).
Cross-Reactivity:	Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

## Product Details

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chromatography using the immunizing peptide.

Grade: Verified

## Target Details

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Target: TRIM55

Alternative Name: TRIM55 ([TRIM55 Products](#))

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

Gene ID: 84675, 381485, 365751

NCBI Accession: [NP\\_908973](#), [NP\\_908974](#), [NP\\_908975](#)

## Application Details

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Application Notes: Immunohistochemistry: Paraffin embedded Human Heart. Recommended concentration: 10 µg/mL.

Western Blot: Approx 58 kDa band observed in lysates of cell line HeLa (calculated MW of 60.5 kDa according to NP\_908973.1). Recommended concentration: 1-3 µg/mL. Primary incubation 1 hour at room temperature

Peptide ELISA: antibody detection limit dilution 1:16000.

Comment: **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:

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

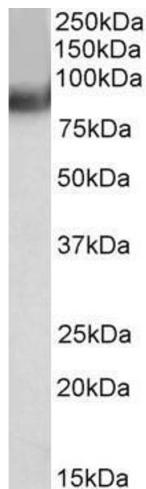
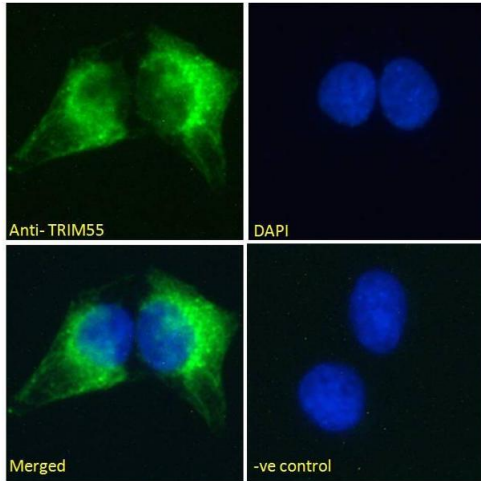
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Handling

Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

## Images

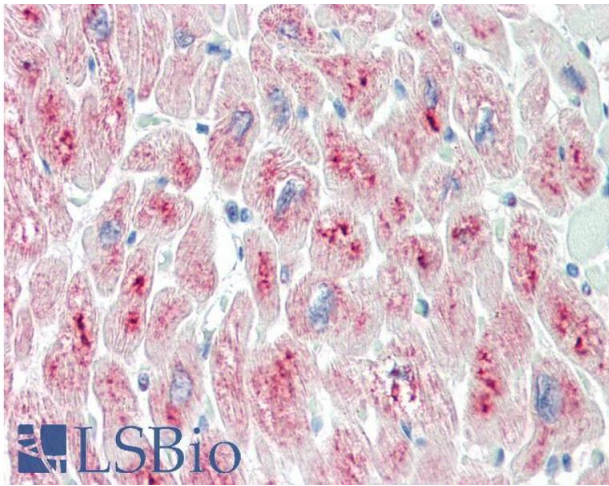


### Immunofluorescence

**Image 1.** ABIN184953 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).

### Western Blotting

**Image 2.** Antibody (0.1µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



### Immunohistochemistry

**Image 3.** ABIN184953 (10 $\mu$ g/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN184953.