

For Research Use Only

# CoraLite® Plus 488-conjugated TRIM54 Recombinant antibody

Catalog Number:CL488-83175-2



## Basic Information

<b>Catalog Number:</b> CL488-83175-2	<b>GenBank Accession Number:</b> BC141807	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 57159	<b>CloneNo.:</b> 230391G5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9BYV2	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> tripartite motif-containing 54	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG15229	<b>Calculated MW:</b> 358 aa, 40 kDa	
	<b>Observed MW:</b> 40 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : HepG2 cells,
<b>Species Specificity:</b> human, mouse	

## Background Information

TRIM54 (Tripartite motif-containing protein 54) is also names as MURF, MURF3, RNF30. The expression of TRIM54 is required for skeletal myoblast differentiation and myotube fusion. It is expressed in heart and skeletal muscle specifically (PMID:11243782). It has two isoforms with the molecular weight of 40KDa and 45KDa. It can be dimerized and hetero-dimerized to form homooligomer and heterooligomer (PMID:15967462).

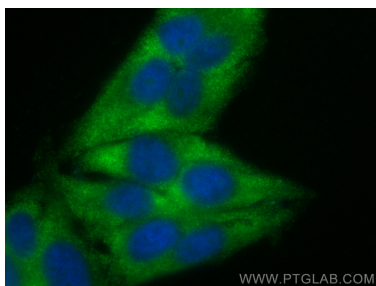
## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 TRIM54 antibody (CL488-83175-2, Clone: 230391G5 ) at dilution of 1:200.