

For Research Use Only

# TRIM5 Monoclonal antibody

Catalog Number: 67492-1-Ig



## Basic Information

<b>Catalog Number:</b> 67492-1-Ig	<b>GenBank Accession Number:</b> BC021258	<b>Purification Method:</b> Protein A purification
<b>Concentration:</b> 1000 ug/ml	<b>GeneID (NCBI):</b> 85363	<b>CloneNo.:</b> 1H1G9
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9C035	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Isotype:</b> IgG2b	<b>Full Name:</b> tripartite motif-containing 5	
<b>Immunogen Catalog Number:</b> AG30059	<b>Calculated MW:</b> 493 aa, 56 kDa	
	<b>Observed MW:</b> 56 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : A549 cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells
<b>Species Specificity:</b> human	

## Background Information

TRIM5 belongs to the large tripartite motif protein family, members of which typically are composed of 3 zinc-binding domains, a RING, unique B-box type 1 and B-box type 2 domains, followed by a coiled-coil (CC) region. TRIM proteins use homomultimerization to identify specific cell compartments. TRIM5 promotes innate immune signaling and that this activity is amplified by retroviral infection and interaction with the capsid lattice. TRIM5 has 6 variants termed alpha, beta, gamma, delta, epsilon, and iota with the MW of 56 kDa, 46 kDa, 40 kDa, 37 kDa, 31 kDa and 29 kDa. TRIM5 can form homodimers (~70 kDa) and homotrimers (90-160 kDa).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

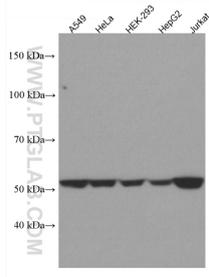
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67492-1-Ig (TRIM5 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.