

For Research Use Only

TRIM5 Monoclonal antibody

Catalog Number:67492-1-Ig



Basic Information

Catalog Number: 67492-1-Ig	GenBank Accession Number: BC021258	Purification Method: Protein A purification
Size: 150ul , Concentration: 1100 ug/ml by Nanodrop and 660 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 85363	CloneNo.: 1H1G9
Source: Mouse	UNIPROT ID: Q9C035	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgG2b	Full Name: tripartite motif-containing 5	
Immunogen Catalog Number: AG30059	Calculated MW: 493 aa, 56 kDa	
	Observed MW: 56 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells
Species Specificity: 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

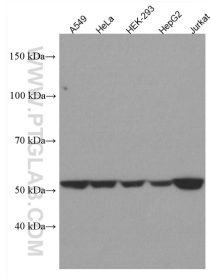
Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1%BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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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.