

For Research Use Only

TRIM5 Monoclonal antibody, PBS Only



Catalog Number: 67492-1-PBS

Basic Information

Catalog Number: 67492-1-PBS	GenBank Accession Number: BC021258	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 85363	CloneNo.: 1H1G9
Source: Mouse	UNIPROT ID: Q9C035	
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, Indirect ELISA

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

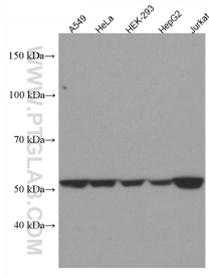
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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. This data was developed using the same antibody clone with 67492-1-PBS in a different storage buffer formulation.