TRIM5 Monoclonal antibody

Catalog Number:67492-1-Ig

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
67492-1-Ig

Size:
150ul , Concentration: 1100 μg/ml by Nanodrop and 660 μg/ml by Bradford method using BSA as the standard;

Source:
Mouse

Isotype:
IgG2b

Immunogen Catalog Number:
AG30059

GenBank Accession Number:
BC021258

GeneID (NCBI):
85363

Full Name:
tripartite motif-containing 5

Calculated MW:
493 aa, 56 kDa

Observed MW:
56 kDa

Purification Method:
Protein A purification

CloneNo.:
1H1G9

Recommended Dilutions:
WB 1:1000-1:4000

Applications

Tested Applications:
WB,ELISA

Species Specificity:
Human

Positive Controls:

WB : A549 cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells

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).
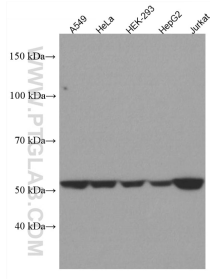
Storage

Storage:
Store at -20℃.
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

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.