

For Research Use Only

PSMD7 Monoclonal antibody

Catalog Number: 68188-1-Ig **Featured Product**



Basic Information

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| Catalog Number: 68188-1-Ig | GenBank Accession Number: BC012606 | Purification Method: Protein G purification |
| Size: 150ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 5713 | CloneNo.: 3E10E7 |
| Source: Mouse | UNIPROT ID: P51665 | Recommended Dilutions: WB 1:5000-1:50000 |
| Isotype: IgG1 | Full Name: proteasome (prosome, macropain) 26S subunit, non-ATPase, 7 | |
| Immunogen Catalog Number: AG9305 | Calculated MW: 324 aa, 37 kDa | |
| | Observed MW: 37 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : HCT 116 cells, HeLa cells, HepG2 cells, Jurkat cells, K-562 cells, THP-1 cells |
| Species Specificity: Human | |

Background Information

Proteasome 26S subunit, non-ATPase 7 (PSMD7), an ATP-independent component of the 19S regulatory subunit, is a member of the JAMM/MPN domain-associated metallopeptidase (JAMM) DUB family. PSMD7, as a core component of the 26S proteasome, is critical for the degradation of ubiquitinated proteins in the proteasome. PSMD7 arrests cell cycle in the G2/M phase during HIV infection. The molecular weight of PSMD7 is 37 kDa. (PMID: 34512150, 34234864)

Storage

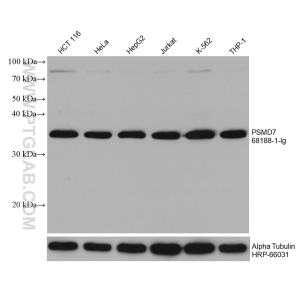
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

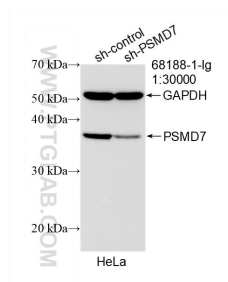
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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 68188-1-Ig (PSMD7 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



WB result of PSMD7 antibody (68188-1-Ig; 1:30000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PSMD7 transfected HeLa cells.