

For Research Use Only

PSMD12 Recombinant antibody, PBS Only

Catalog Number: 86200-3-PBS



Basic Information

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| Catalog Number: 86200-3-PBS | GenBank Accession Number: BC019062 | Purification Method: Protein A purification |
| Size: 100ug , Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 5718 | CloneNo.: 250848B1 |
| Source: Rabbit | UNIPROT ID: O00232 | |
| Isotype: IgG | Full Name: proteasome (prosome, macropain) 26S subunit, non-ATPase, 12 | |
| Immunogen Catalog Number: AG1957 | Calculated MW: 456 aa, 53 kDa | |
| | Observed MW: 50-55 kDa | |

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Proteasome 26S subunit, non-ATPase 12 (PSMD12; also known as RPN5) was first discovered in fission yeast. It is a non-ATPase subunit of the 19S regulator of the 26S proteasome complex, which is involved in regulating the cell cycle, repairing DNA damage, and regulating apoptosis by mediating the internal protein balance through the removal of misfolded proteins or damaged intracellular substructures. In addition, PSMD12 contributes to tumor cell growth and apoptosis in breast cancer. (PMID: 33987398)

Storage

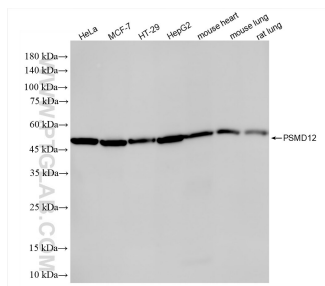
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

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)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86200-3-RR (PSMD12 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86200-3-PBS in a different storage buffer formulation.