

For Research Use Only

PSMD10/Gankyrin Recombinant antibody, PBS Only

Catalog Number: 86120-2-PBS



Basic Information

Catalog Number: 86120-2-PBS	GenBank Accession Number: BC011960	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5716	CloneNo.: 250170D7
Source: Rabbit	UNIPROT ID: O75832	
Isotype: IgG	Full Name: proteasome (prosome, macropain) 26S subunit, non-ATPase, 10	
Immunogen Catalog Number: AG2994	Calculated MW: 226 aa, 24 kDa	
	Observed MW: 24-28 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

PSMD10, also known as Gankyrin, is a subunit of the 19S regulatory particle of the proteasome and plays a crucial role in protein degradation. It is a small, 25 kDa cytoplasmic-nuclear shuttling protein, highly conserved throughout evolution (~40% identity to yeast Nas6p). PSMD10 is involved in the regulation of cell cycle progression and apoptosis by interacting with key proteins such as p53 and Rb. PSMD10 has been identified as an oncoprotein, promoting tumor cell proliferation and survival in various cancers (PMID: 16581249, PMID: 31576540).

Storage

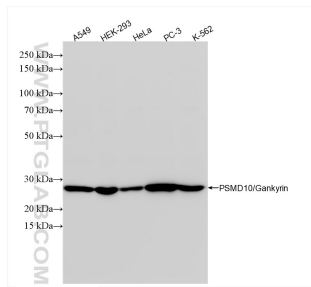
Storage:
Store at -80°C.

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 86120-2-RR (PSMD10/Gankyrin antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86120-2-PBS in a different storage buffer formulation.