

For Research Use Only

PRMT1 Monoclonal antibody, PBS Only



Catalog Number: 68365-1-PBS

Basic Information

Catalog Number: 68365-1-PBS	GenBank Accession Number: BC019268	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 3276	CloneNo.: 1G8E2
Source: Mouse	UNIPROT ID: Q99873	
Isotype: IgG1	Full Name: protein arginine methyltransferase 1	
Immunogen Catalog Number: AG29063	Calculated MW: 42 kDa	
	Observed MW: 38-42 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, Rat, Mouse

Background Information

PRMT1, the major protein arginine methyltransferase in mammals, catalyzes monomethylation and asymmetric dimethylation of arginine side chains in proteins. Human PRMT1 is encoded by the PRMT1 gene located on chromosome 19 (19q13.3) and composed of 12 exons and 11 introns. At the protein level, human PRMT1 shares a high degree of homology with the different members of the PRMT family that is conserved in eukaryotes. Phylogenetic studies based on the methyltransferase domain highlighted that PRMT1 is closely related to PRMT8.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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

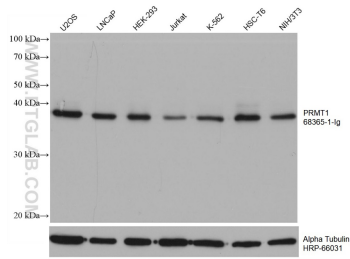
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68365-1-Ig (PRMT1 antibody) at dilution of 1:50000 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. This data was developed using the same antibody clone with 68365-1-PBS in a different storage buffer formulation.