

For Research Use Only

SPIN1 Monoclonal antibody, PBS Only



Catalog Number: 68615-1-PBS

Basic Information

Catalog Number: 68615-1-PBS	GenBank Accession Number: BC013571	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 10927	CloneNo.: 1G8C5
Source: Mouse	UNIPROT ID: Q9Y657	
Isotype: IgG1	Full Name: spindlin 1	
Immunogen Catalog Number: AG33686	Calculated MW: 262 aa, 30 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, mouse, rat, rabbit

Background Information

SPIN1 (Spindlin 1) is a histone methylation reader, which recognizes trimethylated histone H3 lysine 4 through the protein-protein interaction. SPIN1 was initially found in ovarian cancer via searching ovarian cancer-related genes. It is overexpressed in ovarian cancer tissue, which exhibits a high homology to mouse Spin (Spindlin) gene. Signaling pathways responsible for SPIN1 functions include PI3K/Akt, Wnt and RET that are highly relevant to tumorigenesis. (PMID: 34492335, PMID: 31790762)

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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

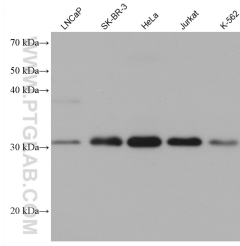
T: 4006900926

E: Proteintech-CN@ptglab.com

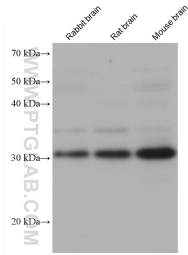
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68615-1-Ig (SPIN1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68615-1-PBS in a different storage buffer formulation.



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