

For Research Use Only

SPIN1 Monoclonal antibody

Catalog Number: 68615-1-Ig



Basic Information

Catalog Number: 68615-1-Ig	GenBank Accession Number: BC013571	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 10927	CloneNo.: 1G8C5
Source: Mouse	UNIPROT ID: Q9Y657	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Full Name: spindlin 1	
Immunogen Catalog Number: AG33686	Calculated MW: 262 aa, 30 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : LNCaP cells, NCCIT cells, rabbit brain tissue, SK-BR-3 cells, HeLa cells, Jurkat cells, K-562 cells, rat brain tissue, mouse brain tissue
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 -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

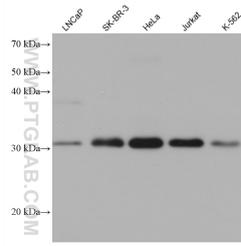
For technical support and original validation data for this product please contact:

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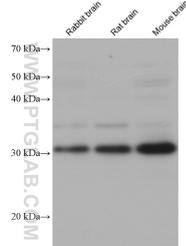
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W: ptglab.com

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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.



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