

For Research Use Only

METTL1 Monoclonal antibody

Catalog Number: 68501-1-Ig



Basic Information

Catalog Number: 68501-1-Ig	GenBank Accession Number: BC000550	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 4234	CloneNo.: 2C3G7
Source: Mouse	UNIPROT ID: Q9UBP6	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG2a	Full Name: methyltransferase like 1	
Immunogen Catalog Number: AG7055	Calculated MW: 31 kDa	
	Observed MW: 31 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : LNCaP cells, NIH/3T3 cells, HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, 4T1 cells
Species Specificity: Human, mouse, pig	

Background Information

METTL1 methyltransferase mediates m7G methylation within miRNAs and regulates cell migration via its catalytic activity. METTL1 can be inactivated by phosphorylation at Ser27 by protein kinase B (PKB α). Overexpression of METTL1 is widely observed among human cancers. It is also crucial for the regulation of chemoresistance in cancer treatment. In addition, mutations in the human N7-methylguanosine (m7G) methyltransferase complex METTL1/WDR4 cause primordial dwarfism and brain malformation.

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

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

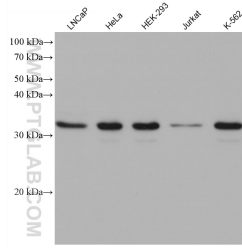
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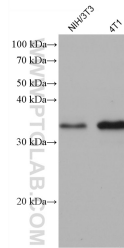
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68501-1-Ig (METTL1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



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