

For Research Use Only

# METTL2 Recombinant antibody

Catalog Number: 84257-1-RR



## Basic Information

<b>Catalog Number:</b> 84257-1-RR	<b>GenBank Accession Number:</b> BC107586	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 55798	<b>CloneNo.:</b> 241490A3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6P1Q9	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IF/ICC 1:125-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> methyltransferase like 2B	
<b>Immunogen Catalog Number:</b> AG10410	<b>Calculated MW:</b> 313 aa, 36 kDa	
	<b>Observed MW:</b> 36-43 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	WB : A549 cells, HeLa cells, MCF-7 cells, SH-SY5Y cells, PC-3 cells
	IF/ICC : MCF-7 cells,

## Background Information

METTL2A and METTL2B are required for the threonyl and arginyl tRNA methylation. METTL2 methyltransferase is responsible for 3-methylcytosine modification of arginine tRNAs in mammals. METTL2A and METTL2B are in higher homology 99%. This antibody detects both METTL2A and METTL2B.

## 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:

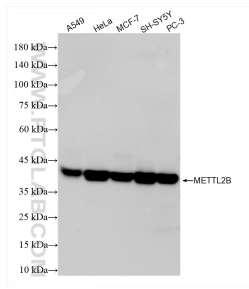
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

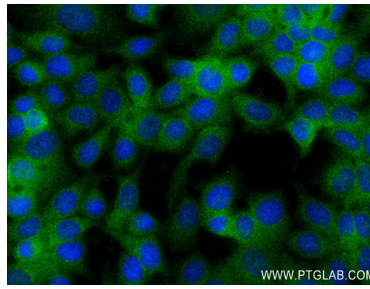
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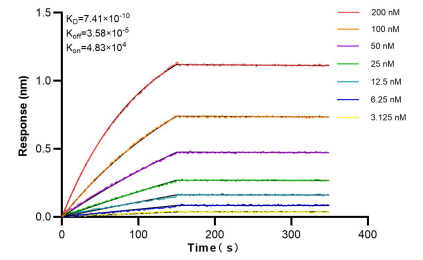
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84257-1-RR (METTL2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using METTL2 antibody (84257-1-RR, Clone: 241490A3) at dilution of 1:250 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Bi-layer interferometry (BLI) kinetic assays of 84257-1-RR against Human METTL2 were performed. The affinity constant is 0.741 nM.