CoraLite® Plus 488-conjugated METTL6 Recombinant antibody proteinte Antibodies | ELISA kits Uni-rAb

Catalog Number: CL488-84209-5

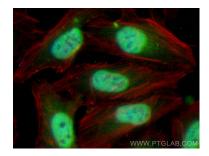
Basic Information	Catalog Number: CL488-84209-5	GenBank Accession Number: BC022400	Purification Method: Protein A purification				
	Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; Source: Rabbit Isotype: IgG Immunogen Catalog Number: AG9714	GeneID (NCBI): 131965 UNIPROT ID: Q8TCB7 Full Name: methyltransferase like 6 Calculated MW: 255 aa, 30 kDa	CloneNo.: 241482F9 Recommended Dilutions: IF/ICC 1:50-1:500 Excitation/Emission maxima wavelengths: 493 nm / 522 nm				
				Applications	Tested Applications: IF/ICC Species Specificity: human	Positive Controls: IF/ICC : HeLa cells,	
				Background Information	Methyltransferase-like protein 6 (METTL6) belongs to the METL family. METTL6 is as a crucial regulator of tumor cell growth, and METTL6 is a bona fide transfer RNA (tRNA) methyltransferase, catalyzing the formation of 3- methylcytidine at C32 of specific serine tRNA isoacceptors (PMID:32923617). METTL6 is a member of the RNA methyltransferase family that has been identified in many cancers. The mRNA expression levels of METTL6 were significantly upregulated in HCC tumor tissues compared to that in adjacent nontumor tissues. CRISPR/Cas9mediated knockout of METTL6 in hepatocellular carcinoma cell lines remarkably inhibited colony		
					formation, cell proliferation, cell mig	ration, cell invasion and cell attac	hment ability (PMID:34913069).
Storage	Storage:						

For technical support and original validation data for this product please contact: T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free E: proteintech@ptglab.com in USA), or 1(312) 455-8498 (outside USA) W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Coralite® Plus 488 METTL6 antibody (CL488-84209-5, Clone: 241482F9) at dilution of 1:200, CL594-Phalloidin (red).