

For Research Use Only

CoraLite® Plus 488-conjugated TRMT6 Recombinant antibody

Catalog Number: CL488-83843-5



Basic Information

Catalog Number: CL488-83843-5	GenBank Accession Number: BC001262	Purification Method: Protein A purification
Concentration: 1000 ug/ml	GeneID (NCBI): 51605	CloneNo.: 240911C5
Source: Rabbit	UNIPROT ID: Q9UJA5	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: tRNA methyltransferase 6 homolog (S. cerevisiae)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG10176	Calculated MW: 56 kDa	
	Observed MW: 55-60 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HeLa cells,
Species Specificity: human	

Background Information

Transfer RNA (tRNA) modifications help regulate the efficiency of mRNA translation by maintaining the correct reading frames within mRNA. TRMT6 (tRNA methyltransferase 6), also known as GCD10 or TRM6, is a 497 amino acid protein that localizes to the nucleus and exists as a heterodimer with TRM61. Expressed in liver, brain, ovary and testis, TRMT6 functions as a substrate-binding subunit of tRNA and is thought to catalyze the formation of N(1)-methyladenine at position 58 in initiator methionyl-tRNA.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

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

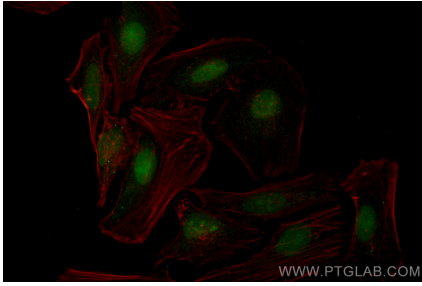
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 TRMT6 antibody (CL488-83843-5, Clone: 240911C5) at dilution of 1:200.