Anti-METTL1 antibody

Catalog Number: 103234



Product name

Anti-METTL1 antibody

Immunogen

Human METTL1 (His Tag) recombinant protein

Specificity

Human METTL1 *No cross-reactivity* in ELISA with E.coli cell lysate

Antibody description

Mouse monoclonal to METTL1

Preparation

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human METTL1 (rh METTL1; NP_005362.3; Asp 32-Gln 265). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

Formulation

 $0.2\ \mu m$ filtered solution in PBS with 5% trehalose

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of

properly. Avoid repeated freeze-thaw cycles.

Clonality

Monoclonal

Ig Type

Mouse IgG1

Applications

ELISA, WB, IP

Dilutions

WB: 5-10 µg/ml

ELISA: 0.5-1 µg/mL

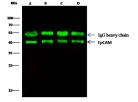
This antibody can be used at 0.5-1 μ g/mL with the appropriate secondary reagents to detect Human METTL1. The detection limit for Human METTL1 is approximately 0.078 ng/well.

IP: 4-6 μ g/mg of lysate

Validations

	KDa	A	в			
	100					
	70					
	55					
	40					
	35	-				
	25					
	15					
Lanes	А			В		
Sample (whole cell lysate)	293T			Jurkat		
Sample Volume (µg/lane)	30					
Gel	13% SDS-PAGE reducing gel					
Recommended Concentration	5-10 μg/ml					
Secondary Antibody	Dylight 800-labeled Antibody To Mouse IgG (H+L), at 1:7500 dilution.					
Developed using Odyssey imaging system.						
Explaination	Predicted band size : 31 kDa Observed band size : 31 kDa					

METTL1 Antibody, Mouse MAb, Western blot



Lanes	A	в	с	D			
Sample (whole cell lysate)	MCF7	A431	HepG2	Caco-2			
Sample quantity	0.5 mg						
IP antibody quantity	2 µg						
Protein G agarose	15 µl of 50% Protein G Agarose						
Gel	13% SDS-PAGE reducing gel						
Primary antibody	EpCAM antibody at 1 µg/ml [Cat# 10694-R028]						
Secondary antibody	Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution.						

METTL1 Antibody, Mouse MAb, Immunoprecipitation