



# MTA70 mouse mAb

<b>Catalog No</b>	BYmab-17259
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human, Mouse,Rat
<b>Applications</b>	IHC,WB
<b>Gene Name</b>	METTL3 MTA70
<b>Protein Name</b>	N6-adenosine-methyltransferase 70 kDa subunit (MT-A70) (EC 2.1.1.62) (Methyltransferase-like protein 3)
<b>Immunogen</b>	Synthesized peptide derived from human N-terminal MTA70
<b>Specificity</b>	This antibody detects endogenous levels of MTA70 at Human, Mouse
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	mouse,Monoclonal
<b>Purification</b>	The antibody was affinity-purified from mouse serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1:500-2000 IHC 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	N6-adenosine-methyltransferase 70 kDa subunit (MT-A70) (EC 2.1.1.62) (Methyltransferase-like protein 3)
<b>Observed Band</b>	64kD
<b>Cell Pathway</b>	Nucleus . Nucleus speckle . Cytoplasm . Colocalizes with speckles in interphase nuclei, suggesting that it may be associated with nuclear pre-mRNA splicing components (PubMed:9409616). In response to ultraviolet irradiation, colocalizes to DNA damage sites however, it probably does not bind DNA but localizes in the
<b>Tissue Specificity</b>	Widely expressed at low level. Expressed in spleen, thymus, prostate, testis, ovary, small intestine, colon and peripheral blood leukocytes.

**Nanjing BYabscience technology Co.,Ltd**

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**Function**

The METTL3-METTL14 heterodimer forms a N6-methyltransferase complex that

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methylation of mRNAs encoding key naive pluripotency-promoting transcripts

## Background

### matters needing attention

Avoid repeated freezing and thawing!

### Usage suggestions

This product can be used in immunological reaction related experiments. For

Western Blot analysis of Hela cell lysis, using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000

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