



# YTHD3 mouse mAb

<b>Catalog No</b>	BYmab-17258
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human, Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	YTHDF3
<b>Protein Name</b>	YTH domain family protein 3
<b>Immunogen</b>	Synthesized peptide derived from human N-terminal YTHD3
<b>Specificity</b>	This antibody detects endogenous levels of YTHD3 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 antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	YTH domain family protein 3
<b>Observed Band</b>	
<b>Cell Pathway</b>	Cytoplasm, cytosol . Cytoplasm, P-body . Cytoplasm, Stress granule .
<b>Tissue Specificity</b>	
<b>Function</b>	Specifically recognizes and binds N6-methyladenosine (m6A)-containing RNAs, and regulates their stability . M6A is a modification present at internal sites of mRNAs and some non-coding RNAs and plays a role in mRNA stability and processing . Acts as a regulator of mRNA stability by promoting degradation of m6A-containing mRNAs via interaction with the CCR4-NOT complex or PAN3 . The YTHDF paralogs (YTHDF1, YTHDF2 and YTHDF3) share m6A-containing mRNAs targets and act redundantly to mediate mRNA degradation and cellular differentiation . Acts as a negative regulator of type I interferon response by down-regulating interferon-stimulated genes (ISGs) expression: acts by binding to FOXO3 mRNAs (By similarity). Binds to FOXO3 mRNAs independently of METTL3-mediated m6A modification (By similarity). Can also act as a regulator of mRNA stability in cooperation with YTHDF2 by binding to m6A-conta

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## Background

<b>matters needing attention</b>	Avoid repeated freezing and thawing!
<b>Usage suggestions</b>	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images

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