



# MAT2B mouse mAb

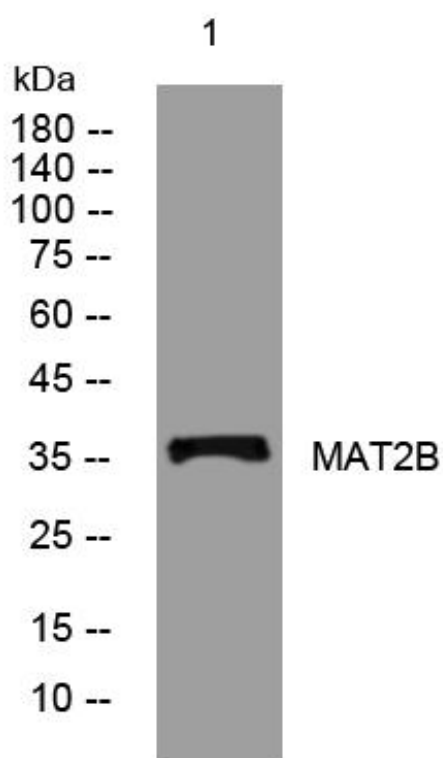
Catalog No	BYmab-08344
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	MAT2B TGR MSTP045 Nbla02999 UNQ2435/PRO4995
Protein Name	MAT2B
Immunogen	Synthesized peptide derived from human MAT2B AA range: 23-73
Specificity	This antibody detects endogenous levels of MAT2B at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	37kD
Cell Pathway	intracellular,nucleus,mitochondrion,cytosol,methionine adenosyltransferase complex,extracellular exosome,
Tissue Specificity	Widely expressed.
Function	function:Non-catalytic regulatory subunit of S-adenosylmethionine synthetase 2 (MAT2A), an enzyme that catalyzes the formation of S-adenosylmethionine from methionine and ATP. Regulates the activity of S-adenosylmethionine synthetase 2 by changing its kinetic properties, rendering the enzyme more susceptible to S-adenosylmethionine inhibition.,miscellaneous:Its expression in hepatoma cell lines may lead to increase DNA synthesis and thereby participate to cell proliferation.,pathway:Amino-acid biosynthesis; S-adenosyl-L-methionine biosynthesis; S-adenosyl-L-methionine from L-methionine: step 1/1.,similarity:Belongs to the dTDP-4-dehydrorhamnose reductase family. MAT2B subfamily.,subunit:Heterotetramer composed of 2 catalytic alpha subunits (alpha and alpha') (MAT2A) and 1 copy of beta subunit (MAT2B).,tissue specificity:Widely expressed.,

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<b>Background</b>	The protein encoded by this gene belongs to the methionine adenosyltransferase (MAT) family. MAT catalyzes the biosynthesis of S-adenosylmethionine from methionine and ATP. This protein is the regulatory beta subunit of MAT. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Nov 2012],
<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



Western Blot analysis of various cells using MAT2B mouse mAb