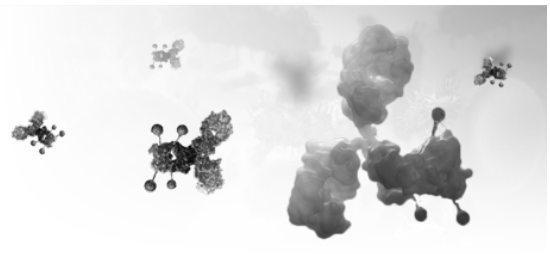

Anti-MAT2A monoclonal antibody, clone QBU4B3BU (DMABT-H28844)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse Anti-MAT2A Monoclonal Antibody
Antigen Description	MAT2A is an important enzyme in cellular metabolism and catalyzes the formation of S-adenosylmethionine (SAMe) from L-methionine and ATP. MAT2A is expressed in extrahepatic tissues. In liver, MAT2A expression associates with growth, dedifferentiation, and
Target	MAT2A
Immunogen	Anti-human MAT2A mAb is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human MAT2A amino acids 1-395 purified from E. coli.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	QBU4B3BU
Purification	MAT2A antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Conjugate	Unconjugated
Applications	WB, IHC
Format	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Concentration	1mg/ml in PBS (after reconstitution).
Size	200 µl
Preservative	0.1% Sodium Azide
Storage	For periods up to 15°C, for longer periods of time, store at -15°C. Prevent freeze thaw cycles.

GENE INFORMATION

Gene Name	MAT2A methionine adenosyltransferase II, alpha [Homo sapiens]
Official Symbol	MAT2A
Synonyms	MAT2A; methionine adenosyltransferase II, alpha; S-adenosylmethionine synthase isoform type-2; MATA2; MATII; SAMS2; MAT 2; MAT-II; adoMet synthase 2; adoMet synthetase 2; methionine adenosyltransferase 2;
Entrez Gene ID	4144
Protein Refseq	NP_005902
UniProt ID	P31153
Chromosome Location	2p11.2
Pathway	Biological oxidations, organism-specific biosystem; C-MYB transcription factor network, organism-specific biosystem; Cysteine and methionine metabolism, organism-specific biosystem; Cysteine and methionine metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem;
Function	ATP binding; metal ion binding; methionine adenosyltransferase activity; nucleotide binding; transferase activity;