For Research Use Only

CoraLite® Plus 488-conjugated MAT1A Monoclonal antibody

1000 µg/ml

Source:



Catalog Number: CL488-67408

Basic Information

Catalog Number: CL488-67408

BC018359 GeneID (NCBI): 4143 UNIPROT ID:

Mouse Q00266

Isotype: Full Name:
IgG2a methionine adenosyltransferase I,

Immunogen Catalog Number: alpha

AG3076 Calculated MW: 395 aa, 44 kDa

Observed MW: 49 kDa

GenBank Accession Number:

Purification Method:

Protein A purification

CloneNo.: 2F1C1

Recommended Dilutions: IF/ICC 1:50-1:500

Excitation/Emission maxima

wavelengths: 493 nm / 522 nm

Applications

Tested Applications:

Species Specificity:

Human, mouse, rat

Positive Controls:

IF/ICC: HeLa cells,

Background Information

Methionine adenosyltransferase (MAT) is the enzyme that catalyzes the synthesis of S-adeno-sylmethionine (AdoMet), the main donor of methyl groups in the cell. In mammals MAT is encoded by two different genes, MAT1A and MAT2A. MAT1A is expressed only in the mature liver whereas fetal hepatocytes, extrahepatic tissues and liver cancer cells express MAT2A.

Storage

Storage

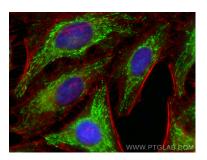
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed Hela cells using CoraLite® Plus 488 MAT1A antibody (CL488-67408, Clone: 2F1C1) at dilution of 1:200, CL594-Phalloidin (red).