
MATN1 (5A8) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 253073

Unit: 0.1 ml

Description:

MATN1 (Methionine adenosyltransferase 1) enzyme catalyzes the formation of S-adenosylmethionine from methionine and ATP. It is a two-step reaction that involves the transfer of the adenosyl moiety of ATP to methionine to form S-adenosylmethionine and triphosphosphate, which is subsequently cleaved to PPi and Pi. S-adenosylmethionine is the source of methyl groups for most biological methylations. MATN1 mutations are associated with methionine adenosyltransferase deficiency.

Isotype: Mouse IgG1

Applications: WB, IF

Species Reactivity: H

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: S-adenosylmethionine synthase isoform type-1; AdoMet synthase 1; Methionine adenosyltransferase 1; MAT 1; Methionine adenosyltransferase I/III; MAT-I/III; AMS1; MATA1; MAT1A

Accession No.: Q00266

Antigen: Purified recombinant fragment of human MATN1 expressed in E. coli.

Application Notes: WB: 1:500-1:2000; IF: 1:200-1:1000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.