
Product Name: MUTA (4N14) Rabbit Monoclonal Antibody**Catalog #: AMRe14248**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:50-1:100,ICC/IF 1:100-1:200
Molecular Weight	83kDa

Antigen Information

Gene Name	MMUT
Alternative Names	MCM; Methylmalonyl CoA isomerase; Mut;
Gene ID	4594.0
SwissProt ID	P22033
Immunogen	A synthetic peptide of human Methylmalonyl Coenzyme A mutase

Background

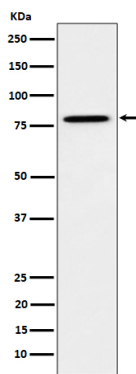
Involved in the degradation of several amino acids, odd-chain fatty acids and cholesterol via propionyl-CoA to the tricarboxylic

acid cycle. MCM has different functions in other species. Catalyzes the reversible isomerization of methylmalonyl-CoA (MMCoA) (generated from branched-chain amino acid metabolism and degradation of dietary odd chain fatty acids and cholesterol) to succinyl-CoA (3-carboxypropionyl-CoA), a key intermediate of the tricarboxylic acid cycle.

Research Area

Signal Transduction

Image Data



Western blot analysis of MUTA expression in HeLa cell lysate.