

**Anti-MMUT Rabbit Monoclonal Antibody**  
Catalog # ABO16211**Specification****Anti-MMUT Rabbit Monoclonal Antibody - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">P22033</a>
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-MMUT Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.

**Anti-MMUT Rabbit Monoclonal Antibody - Additional Information**

**Gene ID** 4594

**Other Names**

Methylmalonyl-CoA mutase, mitochondrial, MCM, 5.4.99.2, Methylmalonyl-CoA isomerase, MMUT ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=7526](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=7526))  
HGNC:7526

**Calculated MW**

78 kDa KDa

**Application Details**

WB 1:500-1:2000<br>IHC 1:50-1:200

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human MMUT

**Purification**

Affinity-chromatography

**Storage**

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-MMUT Rabbit Monoclonal Antibody - Protein Information**

**Name** MMUT ([HGNC:7526](#))

**Function**

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.

**Cellular Location**

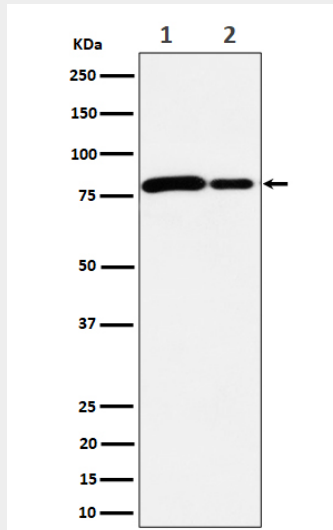
Mitochondrion matrix. Mitochondrion. Cytoplasm

**Anti-MMUT Rabbit Monoclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-MMUT Rabbit Monoclonal Antibody - Images**



Western blot analysis of MMUT expression in (1) HeLa cell lysate; (2) Mouse brain lysate.