

Mouse MMAA Monoclonal Antibody | anti-MMAA antibody

MMAA antibody

CATALOG # AAA106747	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

MMAA; Monoclonal Antibody; MMAA antibody; Monoclonal MMAA; Anti-MMAA; Methylmalonic aciduria cblA type; cblA; MGC120010; anti-MMAA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3A3
Purity/Purification	MMAA antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Applicable Applications for anti-MMAA antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	MMAA is involved in the translocation of cobalamin into the mitochondrion, where it is used in the final steps of adenosylcobalamin synthesis. Adenosylcobalamin is a coenzyme required for the activity of methylmalonyl-CoA mutase. Defects in this gene are a cause of methylmalonic aciduria.
Cross-Reactivity	Human
Immunogen	MMAA antibody was raised in mouse using a full length recombinant protein of human MMAA (NP_785454) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant MMAA protein (Right) or empty vector (Left) detected with MMAA antibody


IHC (Immunohistochemistry)

Immunohistochemical analysis of MMAA protein in paraffin embedded Human Kidney tissue using MMAA antibody

ADDITIONAL INFORMATION

Related Product Information for anti-MMAA antibody	Mouse monoclonal MMAA antibody
Product Categories/Family for anti-MMAA antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	28378562
NCBI Accession #	NP_785454
NCBI GenBank Nucleotide #	NC_004567.1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/mmaa-antibody-clone-3a3-western-blot-immunohistochemistry-elisa/106747>