

Mouse MMAB Monoclonal Antibody | anti-MMAB antibody

MMAB antibody

CATALOG # AAA108124	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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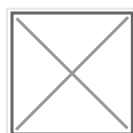
PRODUCT SYNONYMS

MMAB; Monoclonal Antibody; MMAB antibody; Monoclonal MMAB; Anti-MMAB; Methylmalonic aciduria cblB type; cblB; Cob(I)alamin adenosyltransferase; Methylmalonic aciduria type B protein; ATR; MGC20496; anti-MMAB antibody

PRODUCT SPECIFICATIONS

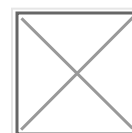
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	3B8
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	250
Applicable Applications for anti-MMAB antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	MMAB catalyzes the final step in the conversion of vitamin B(12) into adenosylcobalamin(AdoCbl), a vitamin B12-containing coenzyme for methylmalonyl-CoA mutase. Mutations in the gene are the cause of vitamin B12-dependent methylmalonic aciduria linked to the cblB complementation group.
Cross-Reactivity	Human, Mouse, Rat
Immunogen	Full length human recombinant protein of human MMAB (NP_443077) produced in HEK293T cell
Preparation and Storage	Store at -20°C, stable for 12 months from date of receipt.

IMAGES



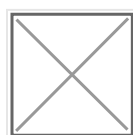
IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant MMAB protein using MMAB antibody



WB (Western Blot)

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



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant MMAB protein (red) or empty vector (blue) stained using MMAB antibody

ADDITIONAL INFORMATION

Related Product Information for anti-MMAB antibody	Mouse monoclonal MMAB antibody
Product Categories/Family for anti-MMAB antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	823673820
NCBI GeneID	326625
NCBI Official Full Name	MMAB, partial
NCBI Official Synonym Full Names	methyImalonic aciduria (cobalamin deficiency) cbIB type
NCBI Official Symbol	MMAB
NCBI Official Synonym Symbols	ATR; cob; cbIB; CFAP23
NCBI Protein Information	cob(I)yrinic acid a,c-diamide adenosyltransferase, mitochondrial
UniProt Protein Name	Cob(I)yrinic acid a,c-diamide adenosyltransferase, mitochondrial
UniProt Gene Name	MMAB
UniProt Entry Name	MMAB_HUMAN

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/mmab-antibody-clone-3b8-western-blot-immunofluorescence-flow-cytometry-elisa/108124>