

## Product datasheet for **TA502277BM**

### **MMAA Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI3G5]**

#### **Product data:**

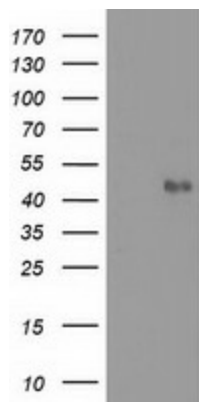
<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI3G5
<b>Applications:</b>	IF, IHC, WB
<b>Recommended Dilution:</b>	WB 1:2000, IHC 1:150, IF 1:100
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2a
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human MMAA (NP_785454) produced in HEK293T cell.
<b>Formulation:</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol.
<b>Concentration:</b>	0.5 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	HRP
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	39 kDa
<b>Gene Name:</b>	metabolism of cobalamin associated A
<b>Database Link:</b>	<a href="#">NP_758454</a> <a href="#">Entrez Gene 166785 Human</a> <a href="#">Q8IVH4</a>
<b>Background:</b>	The protein encoded by this gene 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. [provided by RefSeq, Jul 2008]
<b>Synonyms:</b>	cbIA



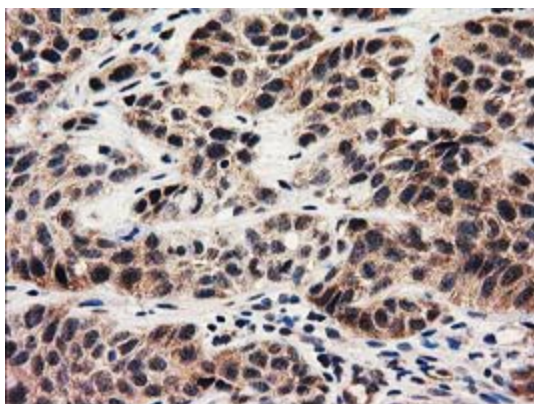
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Protein Families: Druggable Genome

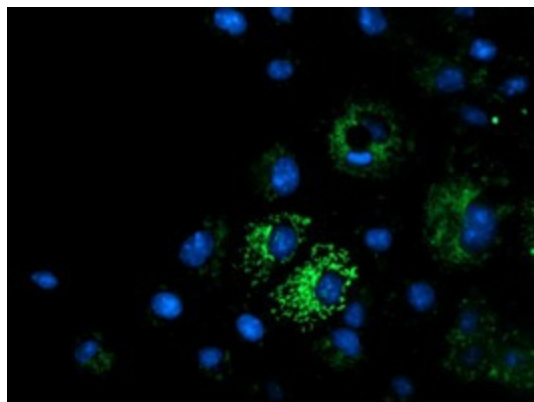
### Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY MMAA (Cat# [RC223205], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MMAA (Cat# [TA502277]). Positive lysates [LY403540] (100ug) and [LC403540] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-MMAA mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502277])



Anti-MMAA mouse monoclonal antibody ([TA502277]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY MMAA ([RC223205]).