

## Product datasheet for TA502178

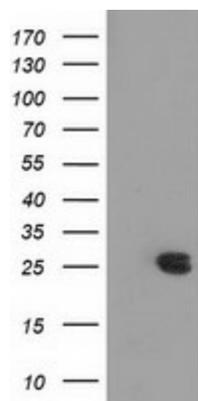
### MMAB Mouse Monoclonal Antibody [Clone ID: OTI2G5]

#### Product data:

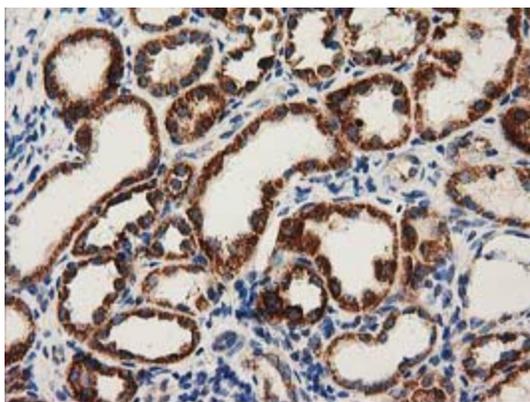
Product Type:	Primary Antibodies
Clone Name:	OTI2G5
Applications:	FC, IHC, WB
Recommend Dilution:	WB 1:2000, IHC 1:150, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human MMAB (NP_443077) produced in HEK293T cell.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	24.0 kDa
Gene Name:	metabolism of cobalamin associated B
Database Link:	<a href="#">NP_443077</a> <a href="#">Entrez Gene 326625</a> <a href="#">Human</a>
Background:	This gene encodes a protein that 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. [provided by RefSeq]
Synonyms:	ATR; cblB; CFAP23; cob
Protein Pathways:	Metabolic pathways, Porphyrin and chlorophyll metabolism



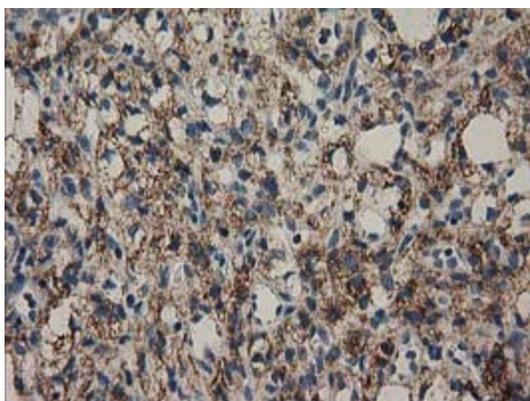
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**Product images:**

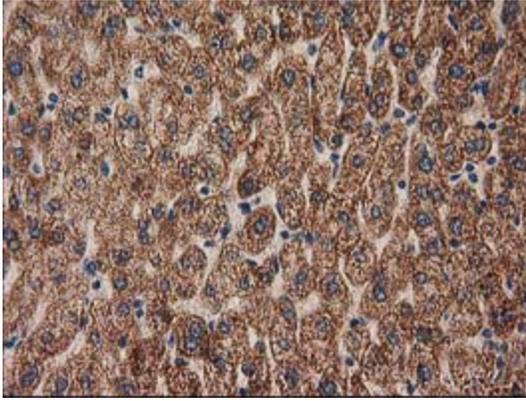
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MMAB ([RC204290], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MMAB. Positive lysates [LY409455] (100ug) and [LC409455] (20ug) can be purchased separately from OriGene.



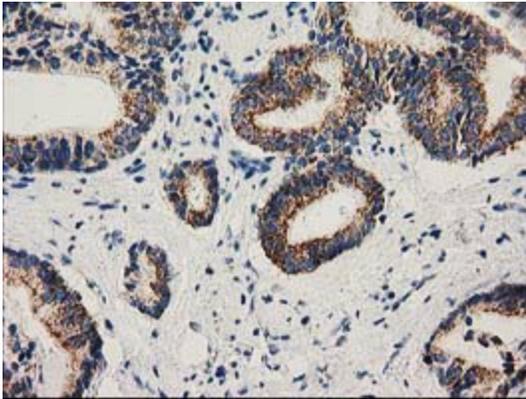
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-MMAB mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA502178)



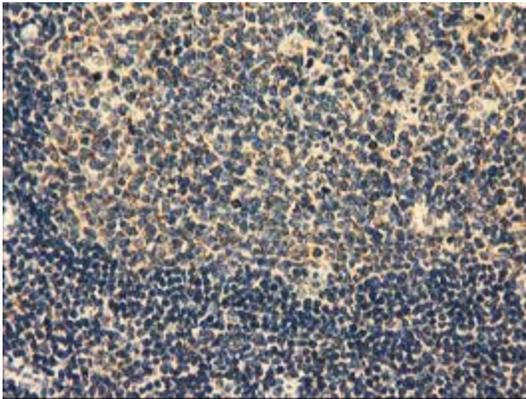
Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-MMAB mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA502178)



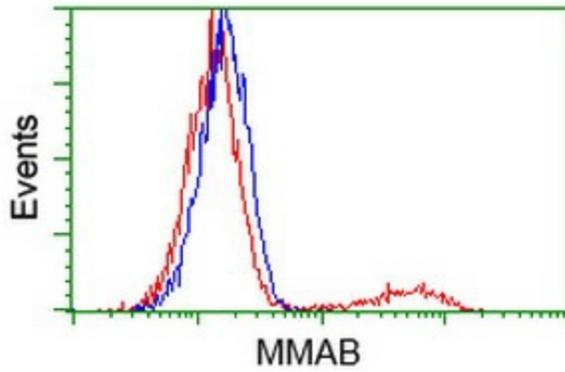
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-MMAB mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA502178)



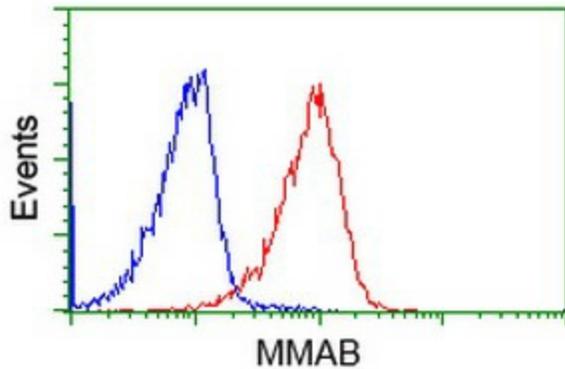
Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-MMAB mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA502178)



Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-MMAB mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA502178)



HEK293T cells transfected with either [RC204290] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-MMAB antibody (TA502178), and then analyzed by flow cytometry.



Flow cytometric Analysis of Jurkat cells, using anti-MMAB antibody (TA502178), (Red), compared to a nonspecific negative control antibody ([TA50011]), (Blue).