

For Research Use Only

MMAB Polyclonal antibody

Catalog Number: 11137-1-AP **4 Publications**



Basic Information

Catalog Number: 11137-1-AP	GenBank Accession Number: BC011831	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 850 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 326625	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:20-1:200 IF 1:50-1:500
Source: Rabbit	Full Name: methylmalonic aciduria (cobalamin deficiency) cblB type	
Isotype: IgG	Calculated MW: 27 kDa	
Immunogen Catalog Number: AG1602	Observed MW: 27 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls: WB : HeLa cells, BxPC-3 cells, HepG2 cells, L02 cells IP : HeLa cells, IHC : human ovary tumor tissue, IF : HeLa cells,
Cited Applications: IF, WB	
Species Specificity: human, mouse	
Cited Species: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

The MMAB gene encodes cob(I)alamin adenosyltransferase, which catalyzes the final step in the synthesis of the coenzyme adenosylcobalamin (AdoCbl). AdoCbl is a vitamin B12-containing coenzyme for methylmalonyl-CoA mutase. The deduced 250-amino acid protein has a calculated molecular mass of 27.3 kD.

Notable Publications

Author	Pubmed ID	Journal	Application
Jorge-Finnigan Ana A	20556797	Hum Mutat	WB
Á Briso-Montiano	35569737	Biochim Biophys Acta Mol Basis Dis	WB,IF
S Brasil	29197662	Biochim Biophys Acta	WB

Storage

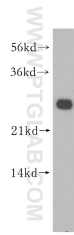
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

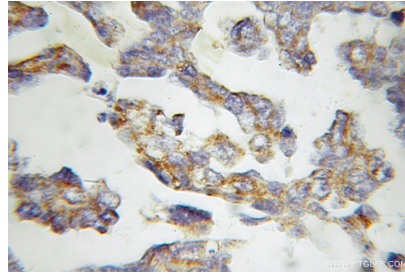
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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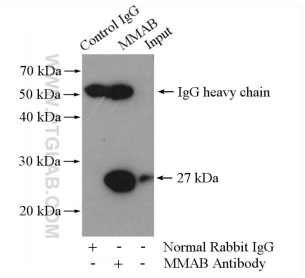
Selected Validation Data



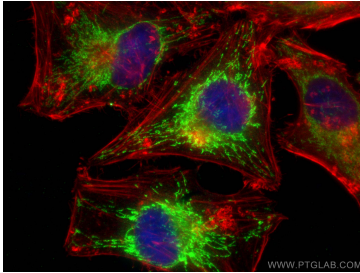
HeLa cells were subjected to SDS PAGE followed by western blot with 11137-1-AP (MMAB antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor using 11137-1-AP (MMAB antibody) at dilution of 1:50 (under 10x lens).



IP Result of anti-MMAB (IP:11137-1-AP, 4ug; Detection:11137-1-AP 1:500) with HeLa cells lysate 1200ug.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using MMAB antibody (11137-1-AP) at dilution of 1:200 and Coralite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).