

For Research Use Only

MMAB Polyclonal antibody

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



Basic Information

Catalog Number:

11137-1-AP

Size:

850 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1602

GenBank Accession Number:

BC011831

GeneID (NCBI):

326625

UNIPROT ID:

Q96EY8

Full Name:

methylmalonic aciduria (cobalamin deficiency) cblB type

Calculated MW:

27 kDa

Observed MW:

27 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF 1:50-1:500

Applications

Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

Cited Applications:

WB, IF

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

Positive Controls:

WB : HeLa cells, BxPC-3 cells, HepG2 cells, L02 cells

IP : HeLa cells,

IHC : human ovary tumor tissue,

IF : HeLa cells,

Background Information

The MMAB gene encodes cob(II)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

For technical support and original validation data for this product please contact:

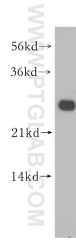
T: 4006900926

E: Proteintech-CN@ptglab.com

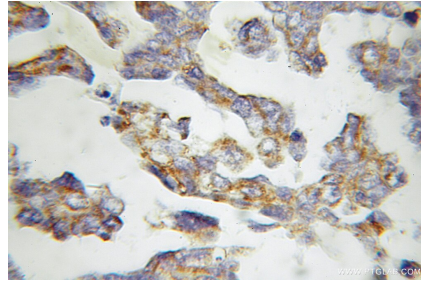
W: ptgcn.com

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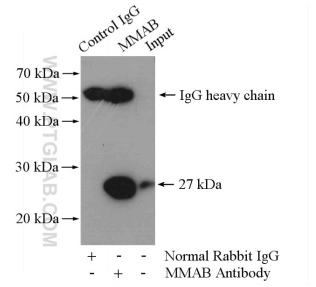
Selected Validation Data



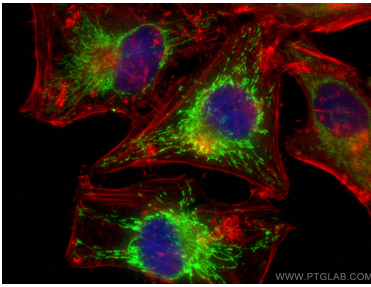
HeLa cells were subjected to SDS PAGE followed by western blot with 11137-1-AP (MMAB antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



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).