

For Research Use Only

AMT Monoclonal antibody

Catalog Number: 67532-1-Ig **1 Publications**



Basic Information

Catalog Number: 67532-1-Ig	GenBank Accession Number: BC007546	Purification Method: Protein G purification
Concentration: 1000 ug/ml	GeneID (NCBI): 275	CloneNo.: 3E7D4
Source: Mouse	UNIPROT ID: P48728	Recommended Dilutions: WB: 1:1000-1:6000 IHC: 1:500-1:2000 IF/ICC: 1:500-1:2000
Isotype: IgG1	Full Name: aminomethyltransferase	
Immunogen Catalog Number: AG26644	Calculated MW: 44 kDa Observed MW: 37-44 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : pig liver tissue, rat liver tissue, mouse liver tissue IHC : human liver cancer tissue, IF/ICC : HepG2 cells,
Cited Applications: WB	
Species Specificity: human, mouse, rat, pig	
Cited Species: human	
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

Notable Publications

Author	Pubmed ID	Journal	Application
Xun Yao Wu	37123228	iScience	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

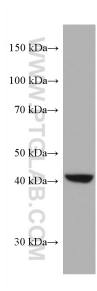
T: 4006900926

E: Proteintech-CN@ptglab.com

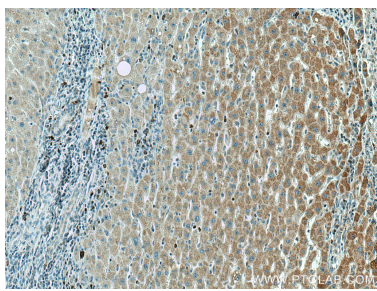
W: ptgcn.com

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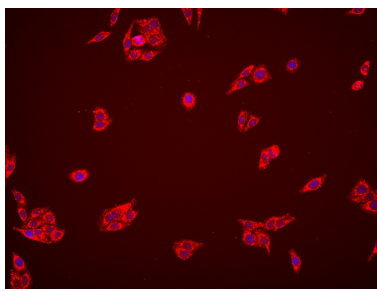
Selected Validation Data



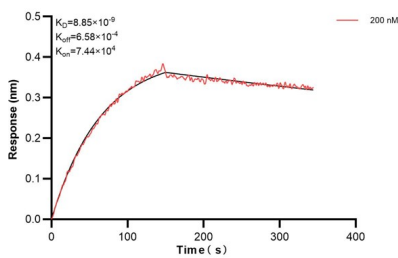
pig liver tissue were subjected to SDS PAGE followed by western blot with 67532-1-Ig (AMT antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67532-1-Ig (AMT antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using AMT antibody (67532-1-Ig, Clone: 3E7D4) at dilution of 1:1000 and Multi-rAb CoraLite® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (Cat.NO. RGAM004).



Biolayer interferometry (BLI) kinetic assay of 67532-1-Ig against Human AMT was performed. The affinity constant is 8.85 nM.