

For Research Use Only

# AMT Monoclonal antibody

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



## Basic Information

<b>Catalog Number:</b> 67532-1-Ig	<b>GenBank Accession Number:</b> BC007546	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1500 ug/ml by Nanodrop and 733 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 275	<b>CloneNo.:</b> 3E7D4
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P48728	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IHC 1:500-1:2000 IF/ICC 1:500-1:2000
<b>Isotype:</b> IgG1	<b>Full Name:</b> aminomethyltransferase	
<b>Immunogen Catalog Number:</b> AG26644	<b>Calculated MW:</b> 44 kDa	
	<b>Observed MW:</b> 37-44 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB	<b>WB :</b> pig liver tissue, rat liver tissue, mouse liver tissue
<b>Species Specificity:</b> Human, mouse, rat, pig	<b>IHC :</b> human liver cancer tissue,
<b>Cited Species:</b> human	<b>IF/ICC :</b> HepG2 cells,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Notable Publications

Author	Pubmed ID	Journal	Application
Xun Yao Wu	37123228	iScience	WB

## Storage

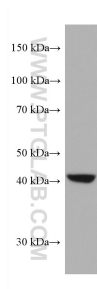
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

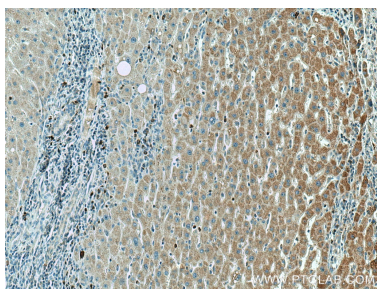
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

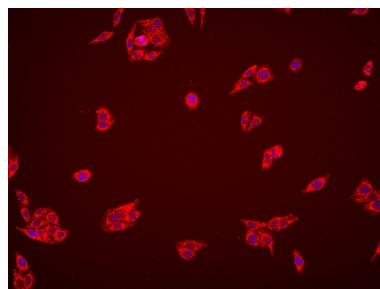
## Selected Validation Data



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 ).