

For Research Use Only

# AMOT Monoclonal antibody

Catalog Number: 60156-1-Ig **Featured Product**



## Basic Information

<b>Catalog Number:</b> 60156-1-Ig	<b>GenBank Accession Number:</b> NM_001113490	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1700 µg/ml	<b>GeneID (NCBI):</b> 154796	<b>CloneNo.:</b> 3H7B3
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q4VCS5	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IF 1:200-1:800
<b>Isotype:</b> IgG2b	<b>Full Name:</b> angiomin	
	<b>Calculated MW:</b> 118 kDa	
	<b>Observed MW:</b> 130 kDa	

## Applications

<b>Tested Applications:</b> IF-P, WB, ELISA	<b>Positive Controls:</b> WB : SGC-7901 cells, HEK-293 cells
<b>Species Specificity:</b> human, mouse	<b>IF :</b> mouse skeletal muscle tissue,

## Background Information

predominantly in endothelial cells of capillaries as well as larger vessels of the placenta where it may mediate the inhibitory effect of angiostatin on tube formation and the migration of endothelial cells toward growth factors during the formation of new blood vessels. Most abundant expression was found in placenta and skeletal muscle. AMOT has two isoforms with MW 130 kDa (p130) and 80 kDa (p80). This antibody only recognizes p130.

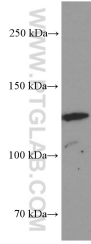
## Storage

**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

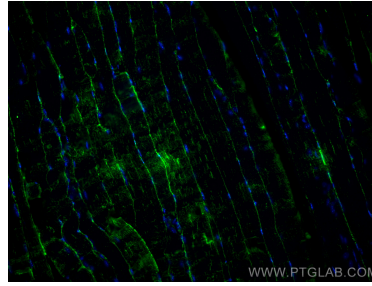
For technical support and original validation data for this product please contact:  
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

## Selected Validation Data



SGC-7901 cells were subjected to SDS PAGE followed by western blot with 60156-1-Ig (AMOT Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse skeletal muscle tissue using AMOT antibody (60156-1-Ig, Clone: 3H7B3 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).