

For Research Use Only

AMOT Monoclonal antibody

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



Basic Information

Catalog Number:

60156-1-Ig

Size:

1700 ug/ml

Source:

Mouse

Isotype:

IgG2b

GenBank Accession Number:

NM_001113490

GeneID (NCBI):

154796

UNIPROT ID:

Q4VCS5

Full Name:

angiotenin

Calculated MW:

118 kDa

Observed MW:

130 kDa

Purification Method:

Protein A purification

CloneNo.:

3H7B3

Recommended Dilutions:

WB 1:1000-1:4000

IF-P 1:200-1:800

Applications

Tested Applications:

WB, IF-P, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : SGC-7901 cells, HEK-293 cells

IF-P : 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 angiotenin on tube formation and the migration of endothelial cells toward growth factors during the formation of new blood vessels. The most abundant expression was found in the 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:

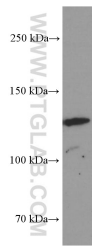
T: 4006900926

E: Proteintech-CN@ptglab.com

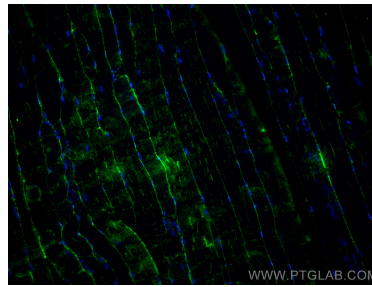
W: ptgcn.com

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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).