For Research Use Only

CoraLite® Plus 488-conjugated AMOT Polyclonal antibody

Catalog Number:CL488-24550 Featured Product

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
CL488-24550

Size:
1000 ug/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG19784

GenBank Accession Number:
BC130294

GeneID (NCBI):
154796

UNIPROT ID:
Q4VCS5

Full Name:
angiomotin

Calculated MW:
1084 aa, 118 kDa

Observed MW:
80 kDa, 130 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:
493 nm / 522 nm

Applications

Tested Applications:
IF/ICC

Species Specificity:
human

Positive Controls:

IF/ICC : HEK-293 cells,

Background Information

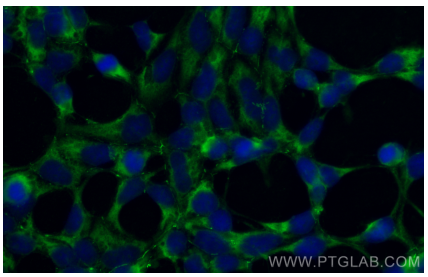
Angiomotin belongs to the motin family of angiostatin binding protein. The encoded protein is expressed predominantly in endothelial cells of capillaries as well as larger vessels of the placenta where it may mediate the inhibitory effect of angiostatin on tube formation and the migration of endothelial cells 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). The p130 isoform can interact with F-actin.This antibody recognizes both p130 and p80.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, 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

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using CoraLite® Plus 488 AMOT antibody (CL488-24550) at dilution of 1:200.