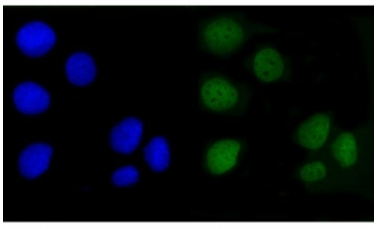
Angiomotin Antibody / AMOT (RQ7143)

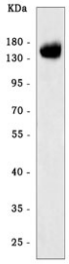
Catalog No.	Formulation	Size
RQ7143	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

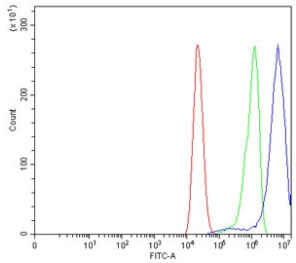
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q4VCS5
Applications	Western blot: 0.5-1ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This Angiomotin antibody is available for research use only.



Immunofluorescent staining of FFPE human Caco-2 cells with Angiomotin antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 293T cell lysate with Angiomotin antibody. Predicted molecular weight: 118-130 kDa (p130 isoform) and 72-80 kDa (p80 isoform).



Flow cytometry testing of human Caco-2 cells with Angiomotin antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Angiomotin antibody.

Description

Angiomotin (AMOT) is a protein that in humans is encoded by the AMOT gene. This gene belongs to the motin family of angiostatin binding proteins characterized by conserved coiled-coil domains and C-terminal PDZ binding motifs. 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 toward growth factors during the formation of new blood vessels. Alternative splicing results in multiple transcript variants encoding different isoforms.

Application Notes

Optimal dilution of the Angiomotin antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids T12-Q622) was used as the immunogen for the Angiomotin antibody.

Storage

After reconstitution, the Angiomotin antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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