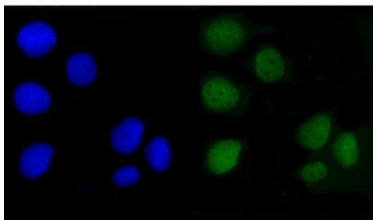


## Angiotensin Antibody / AMOT (RQ7143)

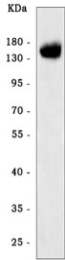
Catalog No.	Formulation	Size
RQ7143	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

### Bulk quote request

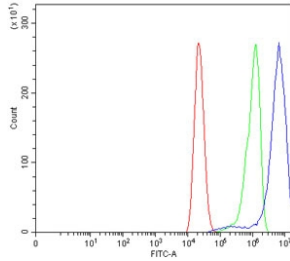
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt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



Immunofluorescent staining of FFPE human Caco-2 cells with Angiotensin 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 Angiotensin II antibody. Predicted molecular weight: 118-130 kDa (p130 isoform) and 72-80 kDa (p80 isoform).



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

## Description

Angiotensin (AMOT) is a protein that in humans is encoded by the AMOT gene. This gene belongs to the motin family of angiotensin 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 angiotensin 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 Angiotensin II antibody should be determined by the researcher.

## Immunogen

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

## Storage

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