

# Angiopoietin-2 / ANG 2 Antibody, Rabbit MAb



Sino Biological  
Biological Solution Specialist

Catalog Number: 10691-R117

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## GENERAL INFORMATION

<b>Immunogen:</b>	Recombinant Human Angiopoietin-2 / ANG 2 protein (Catalog#10691-H08H)
<b>Preparation</b>	This antibody was obtained from a rabbit immunized with purified, recombinant Human Angiopoietin-2 / ANG 2 (rh Angiopoietin-2 / ANG 2; Catalog#10691-H08H; NP_001138.1; Met1-Phe496).
<b>Ig Type:</b>	Rabbit IgG
<b>Clone ID:</b>	117
<b>Specificity:</b>	Human Angiopoietin-2 / ANG 2
<b>Formulation:</b>	0.2 µm filtered solution in PBS
<b>Storage:</b>	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
<b>Alternative Names:</b>	AGPT2,ANG2,Angiopoietin-2

## APPLICATIONS

<b>Applications:</b>	WB,ICC/IF,IP
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## RECOMMENDED CONCENTRATION

<b>ICC/IF</b>	ICC/IF: 1:100-1:500
<b>Western Blot</b>	WB: 1:500-1:1000
<b>Immunoprecipitation</b>	IP: 0.2-1 µL/mg of lysate

**Please Note:** Optimal concentrations/dilutions should be determined by the end user.

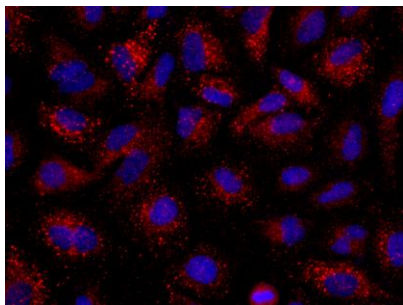
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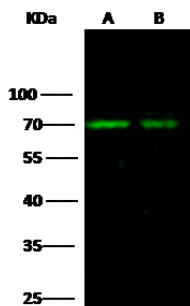


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Immunofluorescence staining of Human Ang2 in A549 cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human Ang2 monoclonal antibody (1:300) at 4°C overnight. Then cells were stained with the Alexa Fluor® 549-conjugated Goat Anti-rabbit IgG secondary antibody (red) and counterstained with DAPI (blue).



Anti-Ang2 rabbit monoclonal antibody at 1:500 dilution

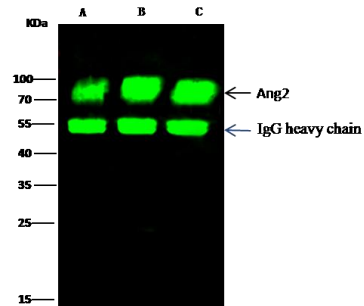
Lane A: HepG2 Whole Cell Lysate  
Lane B: A549 Whole Cell Lysate

Lysates/proteins at 30 µg per lane.

Secondary  
Goat Anti-Rabbit IgG H&L (Dylight800) at  
1/10000 dilution.

Developed using the Odyssey technique.  
Performed under reducing conditions.

Predicted band size: 57 kDa  
Observed band size: 70 kDa



Ang2 was immunoprecipitated using:  
Lane A: 0.5 mg HepG2 Whole Cell Lysate  
Lane B: 0.5 mg A549 Whole Cell Lysate  
Lane C: 0.5 mg 293T Whole Cell Lysate

0.5 µL anti-Ang2 rabbit monoclonal antibody  
and 15 µL of 50 % Protein G agarose.

Primary antibody:  
Anti-Ang2 rabbit monoclonal antibody, at 1:500  
dilution

Secondary antibody:  
Dylight 800-labeled antibody to rabbit IgG  
(H+L), at 1:5000 dilution

Developed using the odssey technique.  
Performed under reducing conditions.

Predicted band size: 57 kDa  
Observed band size: 57 kDa