Angiopoietin-2 recombinant monoclonal antibody (117)

This monoclonal antibody detects Angiopoietin-2 (ANG2), a key regulator of angiogenesis and vascular remodeling.

ANG2 is a ligand of the Tie2 receptor and plays a critical role in blood vessel formation and remodeling. It is involved in vascular permeability and is frequently studied in cancer, inflammation, and cardiovascular diseases.

This antibody is covered by our Worry-Free Guarantee.

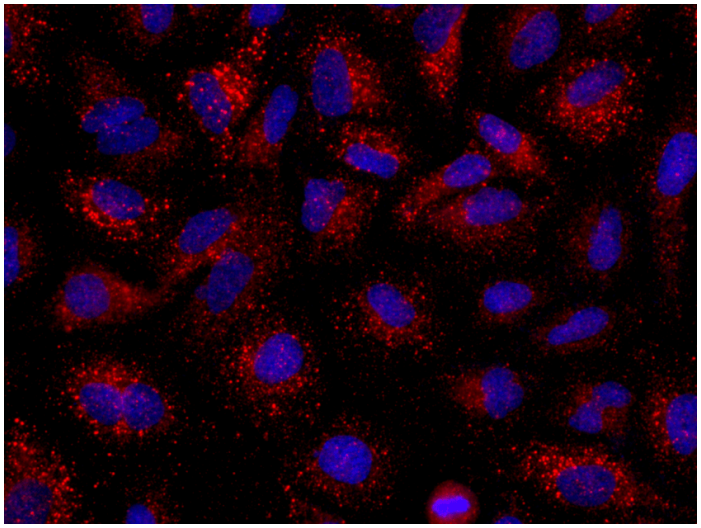
Ordering Information

Order Online »

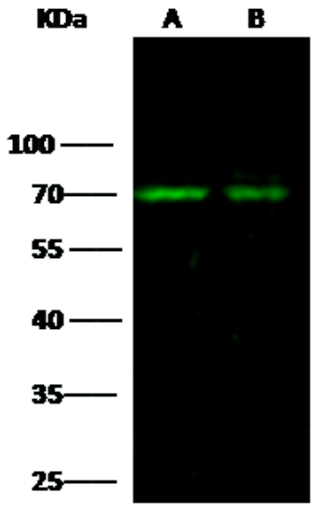
ENZ-ABS1066-0100	100µl

Manuals, SDS & CofA

View Online »



Immunofluorescence staining of Human Angiopoietin-2 in A549 cells. Cells were fixed with 4% PFA, permeabilzed 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).



Western blot analysis of various lysates using Angiopoietin-2 rabbit monoclonal antibody (ENZ-ABS1066) at 1:500 dilution. Secondary antibody:Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Lane A: HepG2 Whole Cell Lysate, Lane B: A549 Whole Cell Lysate. Lysates/proteins at 30 µg per lane.

Handling & Storage

Handling	Avoid freeze-thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Ang2, ANGPT2
Application	ICC, IF, IP, WB
Clone	117
Formulation	Liquid. 0.2 µm filtered solution in PBS. Carrier-free. Preservative-free.
Host	Rabbit
Immunogen	Recombinant human Angiopoietin-2.
Isotype	IgG
Purity Detail	Protein A purified.
Recommendation Dilutions/Conditions	Immunocytochemistry/Immuofluorescence (1:100-1:500) Western Blot (1:500-1:1'000) Immunoprecipitation (0.2-1µL/mg of lysate) Suggested dilutions/conditions may not be available for all applications. Optimal conditions must be determined individually for each application.
Species Reactivity	Human
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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