ARG30320
EMT Marker Antibody Panel

Package: 1 kit

Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG66195	anti-E Cadherin antibody [SQab1717]	Rabbit mAb	Hu	IHC-P, WB	20 µl
ARG66199	anti-Vimentin antibody [SQab1721]	Rabbit mAb	Hu, Ms	FACS, ICC/IF, IHC-P, IP, WB	20 µl
ARG23870	anti-N Cadherin antibody	Rabbit pAb	Hu, Ms, Rat, Sheep	ELISA, FACS, ICC/IF, IHC-P, IP, WB	20 µl
ARG66330	anti-GAPDH antibody [SQab1878]	Rabbit mAb	AGMK, Bov, Chk, Hu, Ms, Pig, Rat, Xenopus laevis, Zfsh	FACS, ICC/IF, IHC-P, IP, WB	20 µl
ARG65351	Goat anti-Rabbit IgG antibody (HRP)	Goat pAb	Rb	ELISA, IHC-P, WB	50 µl

Summary

Product Description	EMT Marker Antibody Panel is an all-in-one solution to make EMT research easy and economic. This antibody panel comprises the antibodies against key epithelial marker E-Cadherin and key mesenchymal markers Vimentin and N-Cadherin. Moreover, the most suitable loading control GAPDH antibody and the compatible secondary antibody are included in this panel. All the antibodies in this panel have excellent performance for not only WB but also IHC-P and more applications.

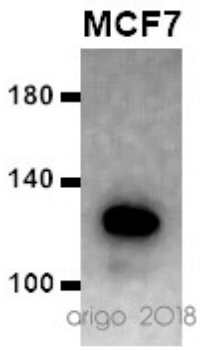
Properties

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

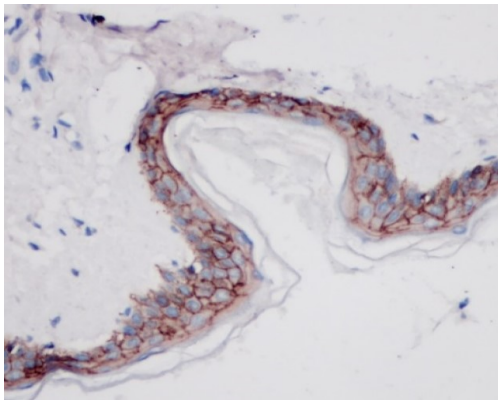
Highlight	Related news: New EMT antibody panel is released

Images



ARG66195 anti-E Cadherin antibody [SQab1717] WB image

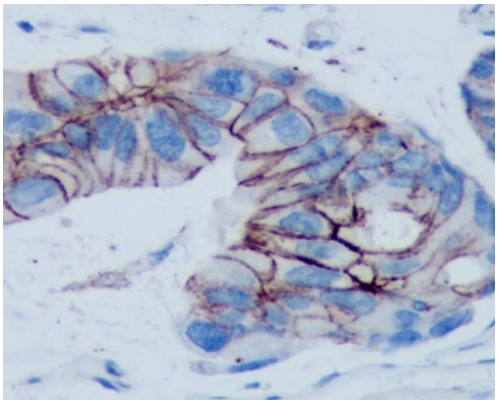
Western blot: 20 µg of MCF7 cell lysate stained with ARG66195 anti-E Cadherin antibody [SQab1717] at 1:2000 dilution.



ARG66195 anti-E Cadherin antibody [SQab1717] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human skin tissue stained with ARG66195 anti-E Cadherin antibody [SQab1717] at 1:50 dilution.

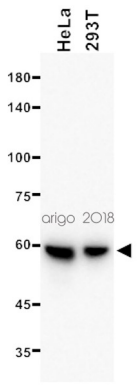
Antigen retrieval: Heat mediated was performed using Tris/EDTA buffer pH 9.0



ARG66195 anti-E Cadherin antibody [SQab1717] IHC-P image

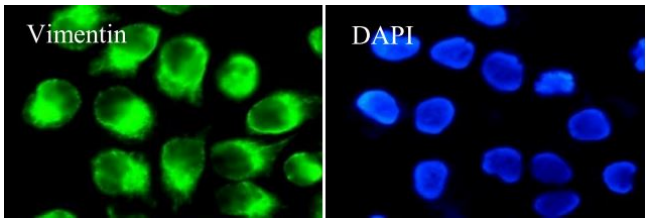
Immunohistochemistry: Formalin-fixed and paraffin-embedded Human gastric adenocarcinoma tissue stained with ARG66195 anti-E Cadherin antibody [SQab1717] at 1:50 dilution.

Antigen retrieval: Heat mediated was performed using Tris/EDTA buffer pH 9.0



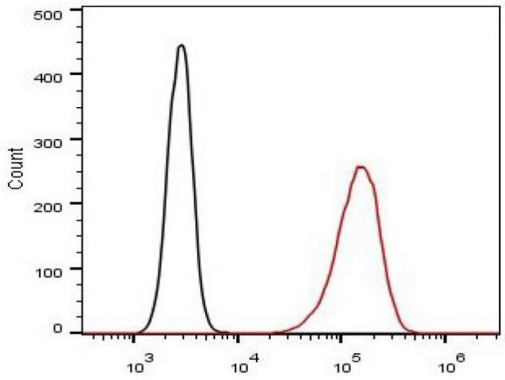
ARG66199 anti-Vimentin antibody [SQab1721] WB image

Western blot: 20 µg of HeLa and 293T cell lysates stained with ARG66199 anti-Vimentin antibody [SQab1721] at 1:1000 dilution.



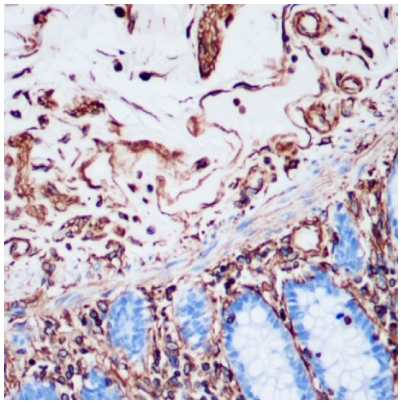
ARG66199 anti-Vimentin antibody [SQab1721] ICC/IF image

Immunofluorescence: HeLa cells were fixed with 4% paraformaldehyde for 30 min at RT, permeabilized with 0.1% Triton X-100 for 10 min at RT then blocked with 10% goat serum for 30 min at room temperature. Cells were stained with ARG66199 anti-Vimentin antibody [SQab1721] (green) at 1:25000 and 4°C. DAPI (blue) was used as the nuclear counter stain.



ARG66199 anti-Vimentin antibody [SQab1721] FACS image

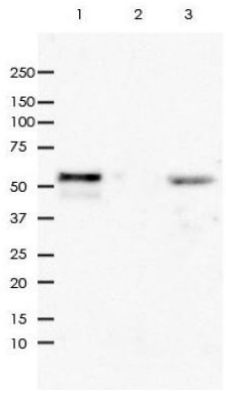
Flow Cytometry: HeLa cells were fixed with 4% paraformaldehyde (10 min) and then permeabilized with 0.1% TritonX-100 for 15 min. The cells were then stained with ARG66199 anti-Vimentin antibody [SQab1721] (red) at 1:500 dilution in 1x PBS/1% BSA for 30 min at 4°C, followed by Alexa Fluor® 488 labelled secondary antibody. Unlabelled sample (black) was used as a control.



ARG66199 anti-Vimentin antibody [SQab1721] IHC-P image

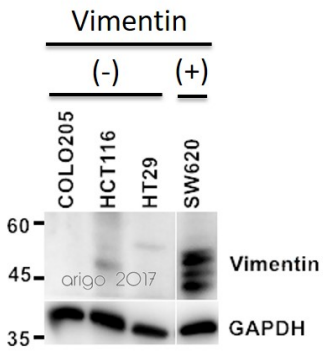
Immunohistochemistry: Formalin-fixed and paraffin-embedded Human colon tissue stained with ARG66199 anti-Vimentin antibody [SQab1721] at 1:1000 dilution.

Antigen retrieval: Heat mediated was performed using Tris/EDTA buffer pH 9.0



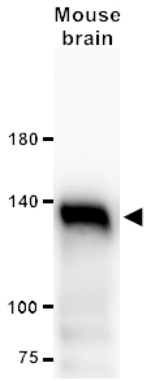
ARG66199 anti-Vimentin antibody [SQab1721] IP image

Immunoprecipitation: 0.4 mg of HeLa cell lysate immunoprecipitated and stained with ARG66199 anti-Vimentin antibody [SQab1721]. 1) IP in HeLa whole cell lysate, 2) Rabbit IgG instead of primary antibody in HeLa whole cell lysate and 3) HeLa whole cell lysate, 10 µg (input).



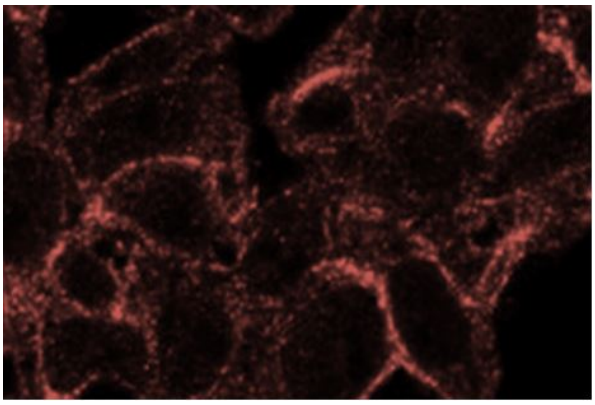
ARG66199 anti-Vimentin antibody [SQab1721] WB image

Western blot: 20 µg of COLO205, HCT116, HT29 (Vimentin unexpression cell lines) and SW620 (Vimentin expression cell line). Cell lysates stained with ARG66199 anti-Vimentin antibody [SQab1721] at 1:1000 dilution.



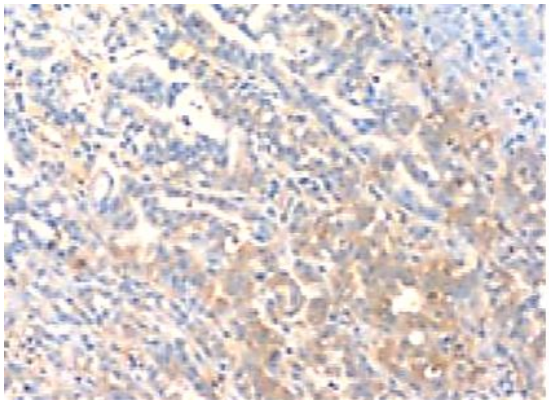
ARG23870 anti-N Cadherin antibody WB image

Western blot: 20 µg of mouse brain stained with ARG23870 anti-N Cadherin antibody at 1:1000 dilution. (Observed MW: ~130 kDa)



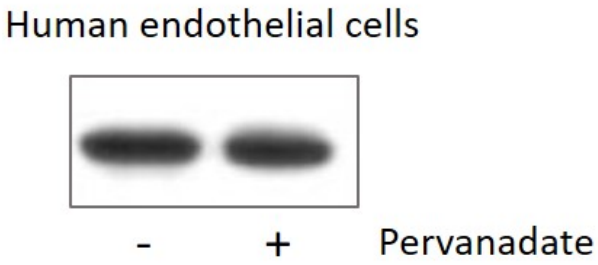
ARG23870 anti-N Cadherin antibody ICC/IF image

Immunofluorescence: MCF7-ADR cells stained with ARG23870 anti-N Cadherin antibody.



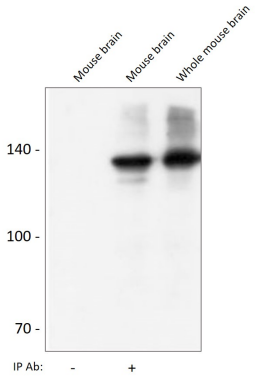
ARG23870 anti-N Cadherin antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded human pancreatic adenocarcinoma stained with ARG23870 anti-N Cadherin antibody.



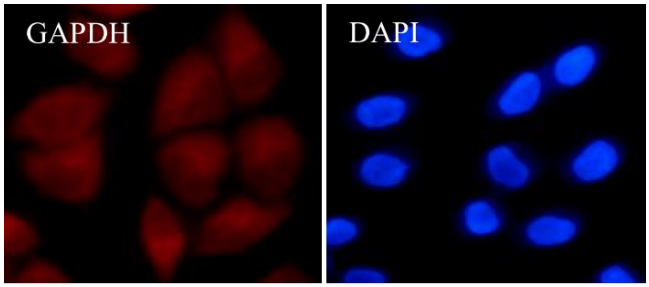
ARG23870 anti-N Cadherin antibody WB image

Western blot: Human endothelial cells untreated (left) or treated with Pervanadate (1 mM) for 30 min (right). The blots were stained with ARG23870 anti-N Cadherin antibody. (Observed MW: ~130 kDa)



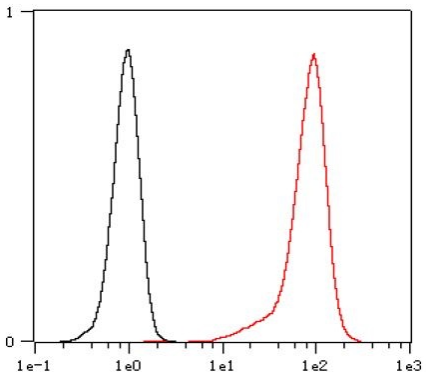
ARG23870 anti-N Cadherin antibody IP image

Immunoprecipitation: Mouse brain lysate immunoprecipitated with no antibody (lane 1), ARG23870 anti-N Cadherin antibody (lane 2) and whole mouse brain lysate (lane 3). The blot was stained with anti-N Cadherin (Cytoplasmic) Mouse monoclonal antibody (lanes 1-3).



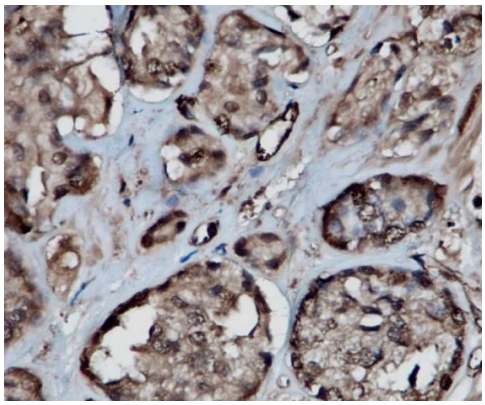
ARG66330 anti-GAPDH antibody [SQab1878] ICC/IF image

Immunofluorescence: HeLa cells were fixed with 4% paraformaldehyde for 30 min at RT, permeabilized with 0.1% Triton X-100 for 10 min at RT then blocked with 10% goat serum for 30 min at RT. Cells were stained with ARG66330 anti-GAPDH antibody [SQab1878] (red) at 1:50,000 and 4°C. DAPI (blue) was used as the nuclear counter stain.



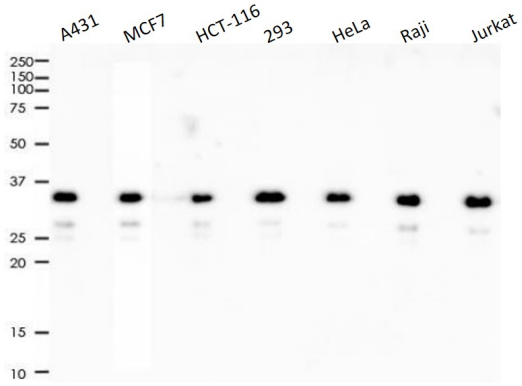
ARG66330 anti-GAPDH antibody [SQab1878] FACS image

Flow Cytometry: HeLa cells were fixed with 4% paraformaldehyde (10 min) and then permeabilized with 0.1% TritonX-100 for 15 min. The were stained with ARG66330 anti-GAPDH antibody [SQab1878] (red) at 1:1,000 dilution in 1x PBS/1% BSA for 30 min at RT, followed by Alexa Fluor® 488 labelled secondary antibody. Unlabelled sample (black) was used as a control. .



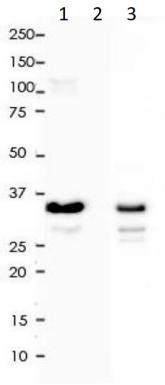
ARG66330 anti-GAPDH antibody [SQab1878] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded prostate cancer tissue stained with ARG66330 anti-GAPDH antibody [SQab1878] at 1:1,600 dilution. Antigen Retrieval: Heat mediated was performed using Tris/EDTA buffer pH 9.0.



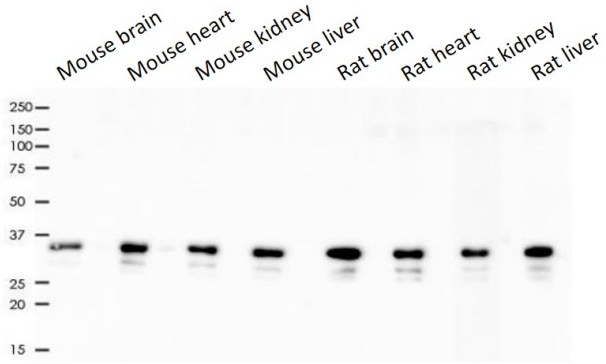
ARG66330 anti-GAPDH antibody [SQab1878] WB image

Western blot: 2 µg of A431, MCF7, HCT-116, 293, HeLa, Raji and Jurkat cell lysates stained with ARG66330 anti-GAPDH antibody [SQab1878] at 1:40000 dilution.



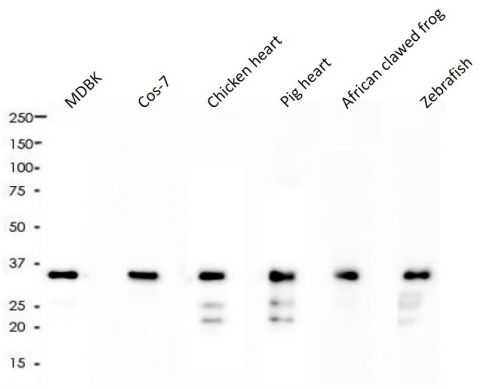
ARG66330 anti-GAPDH antibody [SQab1878] IP image

Immunoprecipitation: 0.1 mg of HeLa whole cell lysate immunoprecipitated (1:50) and stained with ARG66330 anti-GAPDH antibody [SQab1878]. 1) ARG66330 IP in HeLa whole cell lysate, 2) PBS instead of ARG66330 in HeLa whole cell lysate, and 3) HeLa whole cell lysate, 2 µg (input).



ARG66330 anti-GAPDH antibody [SQab1878] WB image

Western blot: 2 µg of Mouse brain, Mouse heart, Mouse kidney, Mouse liver, Rat brain, Rat heart, Rat kidney and Rat liver lysates stained with ARG66330 anti-GAPDH antibody [SQab1878] at 1:40000 dilution.



ARG66330 anti-GAPDH antibody [SQab1878] WB image

Western blot: 2 µg of MDBK, Cos-7, Chicken heart, Pig heart, African clawed frog and Zebrafish lysates stained with ARG66330 anti-GAPDH antibody [SQab1878] at 1:40000 dilution.