ARG30319
Carcinoma / Sarcoma Antibody Duo

Package: 1 pair
Store at: -20°C

Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG62969	anti-Cytokeratin (pan) antibody [C-11]	Mouse mAb	Hu, Ms, Rat, Mamm	CyTOF®-candidate, FACS, ICC/IF, IHC-P, IP, WB	50 µg
ARG66302	anti-Vimentin antibody [SQab1859]	Mouse mAb	Hu, Ms, Rat, Chk, Dog, Goat, Hm, Mk, Pig, Xenopus, Zfsh	FACS, ICC/IF, IHC-Fr, IHC-P, WB	50 µg

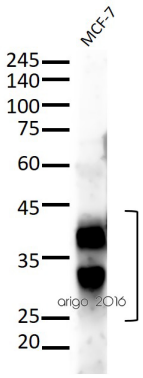
Summary

Product Description	Carcinoma and sarcoma are two types of cancer from different origins. Carcinoma originates from epithelial cells, whereas sarcoma originates from mesodermal cells. Immunochemistry analysis plays a central role in distinguishing between carcinoma and sarcoma. arigo's Carcinoma/Sarcoma Antibody Duo comprises a carcinoma marker pan-CK antibody and a sarcoma marker Vimentin antibody. Both are mouse monoclonal antibodies with excellent performance on IHC and other application. This antibody panel is an excellent solution for distinguishing between carcinoma and sarcoma.
Target Name	Carcinoma / Sarcoma
Alternate Names	Carcinoma / Sarcoma antibody; Cytokeratin (pan) antibody; Vimentin antibody

Properties

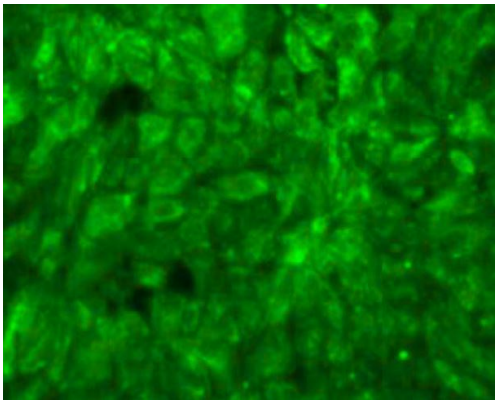
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Images



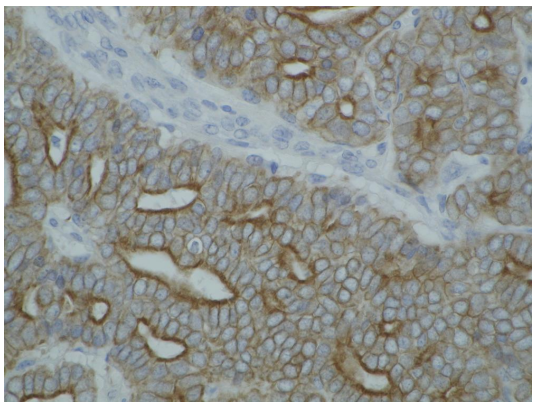
ARG62969 anti-Cytokeratin (pan) antibody [C-11] WB image

Western blot: 30 µg of MCF-7 cell lysate stained with ARG62969 anti-Cytokeratin (pan) antibody [C-11] at 1:500 dilution.



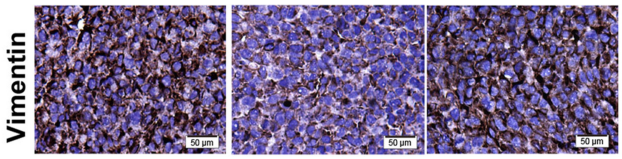
ARG62969 anti-Cytokeratin (pan) antibody [C-11] ICC/IF image

Immunofluorescence: Rat endometrial epithelial (REE) cultured cells fixed with neutral buffered formalin for 10 min, and permeabilized with cold-methanol at -20°C for 10 min and then stained with ARG62969 anti-Cytokeratin (pan) antibody [C-11].



ARG62969 anti-Cytokeratin (pan) antibody [C-11] IHC-P image

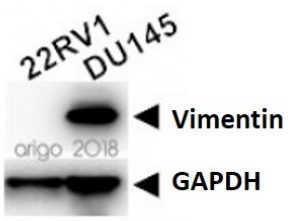
Immunohistochemistry: Paraffin-embedded sections of guinea pig breast carcinoma stained with ARG62969 anti-Cytokeratin (pan) antibody [C-11].



ARG66302 anti-Vimentin antibody [SQab1859] IHC-P image

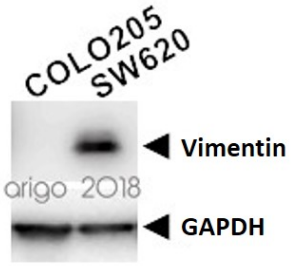
Immunohistochemistry: Mouse xenograft tumor stained with ARG66302 anti-Vimentin antibody [SQab1859].

From Jianxia Wei et al. Cancer Sci. (2023), doi: 10.1111/cas.15998, Fig. 6E.



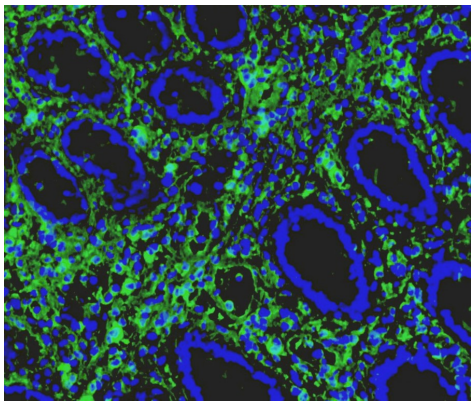
ARG66302 anti-Vimentin antibody [SQab1859] WB image

Western blot: 20 µg of 22RV1 and DU145 cell lysates stained with ARG66302 anti-Vimentin antibody [SQab1859] at 1:2000 dilution and ARG65680 anti-GAPDH antibody at 1:10000 dilution.



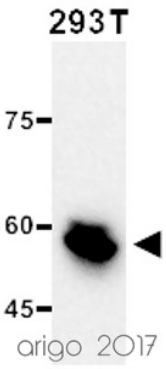
ARG66302 anti-Vimentin antibody [SQab1859] WB image

Western blot: 20 µg of COLO205 and SW620 cell lysates stained with ARG66302 anti-Vimentin antibody [SQab1859] at 1:2000 dilution and ARG65680 anti-GAPDH antibody at 1:10000 dilution.



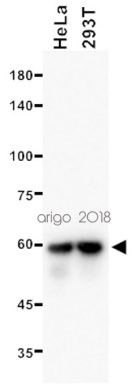
ARG66302 anti-Vimentin antibody [SQab1859] IHC-Fr image

Immunohistochemistry: Frozen section of swine colon stained with ARG66302 anti-Vimentin antibody [SQab1859] (green) at 1:200 dilution. DAPI (blue) staining for cell nuclei.



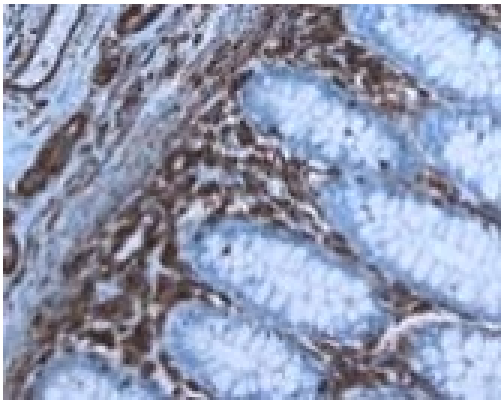
ARG66302 anti-Vimentin antibody [SQab1859] WB image

Western blot: 20 µg of 293T cell lysate stained with ARG66302 anti-Vimentin antibody [SQab1859] at 1:1000 dilution.



ARG66302 anti-Vimentin antibody [SQab1859] WB image

Western blot: 20 µg of HeLa and 293T cell lysates stained with ARG66302 anti-Vimentin antibody [SQab1859] at 1:1000 dilution.



ARG66302 anti-Vimentin antibody [SQab1859] IHC-P image

Immunohistochemistry: paraffin section of Human colon stained with ARG66302 anti-Vimentin antibody [SQab1859].