Anti-Hu/Mu Ki67(AKYP0052)-BX047 for PhenoCode Discovery

ANTIBODY CATALOG # 232179

Kit Catalog Numbers

Included as a component in antibody kits:
PhenoCode™ Discovery Immune Profiling Human Protein Core
4450096 Anti-Hu/Mu Ki67(AKYP0052)-BX047—Alexa Fluor™ 750
4250019 Anti-Hu/Mu Ki67(B56)-BX047—Atto 550

Quantity

Up to 25 tests

Target & Clone Information

Synonym(s)	MKI67, Ki-67, KIA
Cell Type Expression	Proliferating cells
Expected Localization	Nucleus
Supplier-Verified Reactivity	Human, Mouse, Rat
Supplier-Reported Reactivity	N/A
Host Species/Isotype	Mouse IgG1
Clonality	Monoclonal

PhenoCycler Workflow

RECOMMENDED STARTING TITRATIONS AND EXPOSURE TIMES

Tissue Type	Sample Type	Reporter Dye	Recommended Titration	Recommended Exposure Time* (ms)
Hu FFPE	Tonsil	Alexa Fluor 750	1:200	125
Hu FFPE	Lung cancer	Alexa Fluor 750	1:200	125
Hu FFPE	Tonsil	Atto 550	1:200	—
Hu FF	Tonsil	Atto 550	1:750	—
Mu FF	Spleen	Atto 550	1:500	—

*Recommendation is for PhenoCycler®-Fusion only.

Antigen retrieval conditions: AR9 (Akoya, Part# AR900250ML)

Notes: N/A

Anti-Hu/Mu Ki67(AKYP0052)-BX047 for PhenoCode Discovery

ANTIBODY CATALOG # 232179

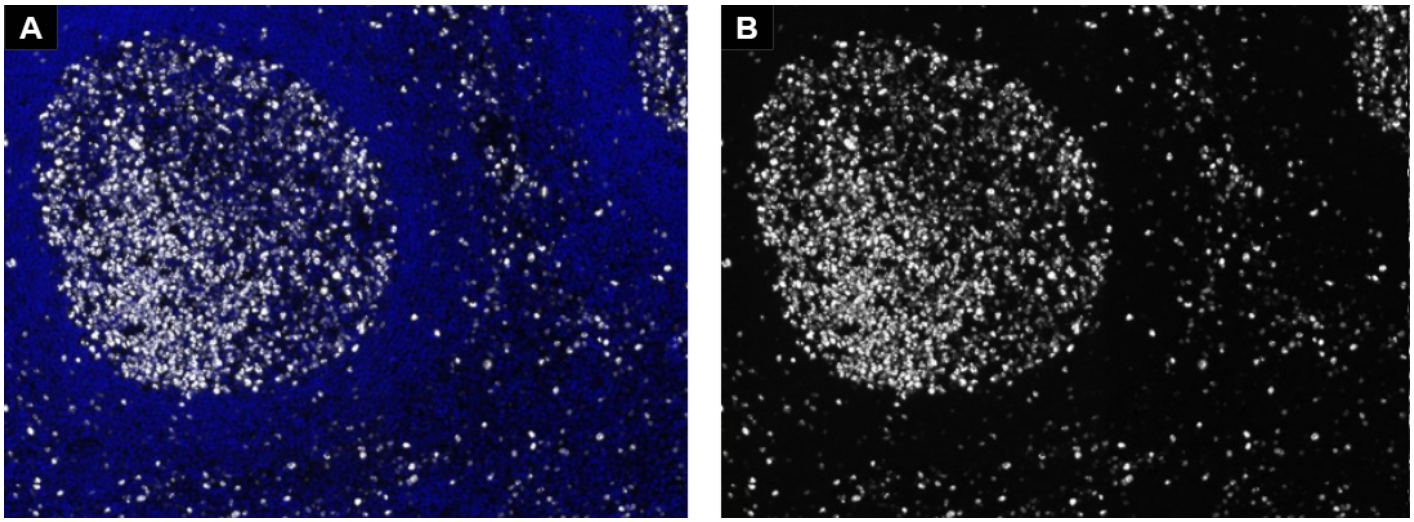

FIGURE 1. Human FFPE tonsil section stained with Ki67 PhenoCode Antibody and nuclear stain. An FFPE tonsil tissue section was stained with PhenoCode antibody Anti-Hu/Mu Ki67(AKYP0052)-BX047 (detected using Alexa Fluor 750 reporter). Imaging performed using a 20X objective using the PhenoCycler-Fusion system. Representative imaging regions showing Ki67 (white) and nuclear stain (blue). Antigen retrieval was performed using AR9 (Akoya, Part# AR900250ML). Ki67 was diluted 1:200. **A.** Zoomed in region showing Ki67 (white) and nuclear stain (blue). **B.** Zoomed in region showing Ki67 (white) only.

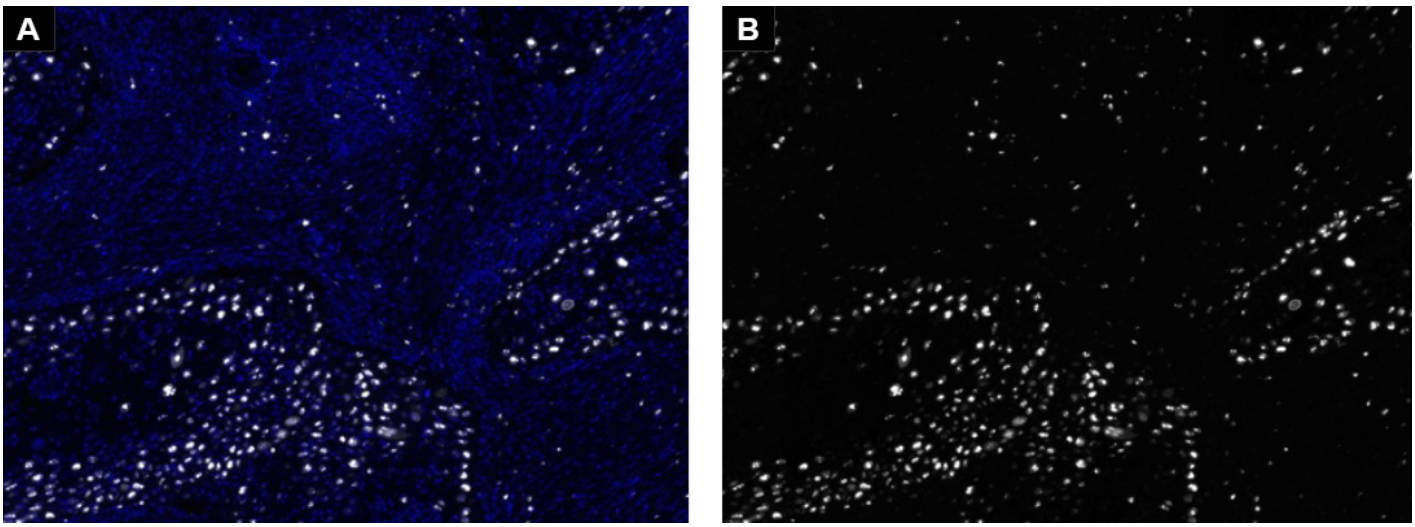

FIGURE 2. Human FFPE lung cancer section stained with Ki67 PhenoCode Antibody and nuclear stain. An FFPE lung cancer tissue section was stained with PhenoCode antibody Anti-Hu/Mu Ki67(AKYP0052)-BX047 (detected using Alexa Fluor 750 reporter). Imaging performed using a 20X objective using the PhenoCycler-Fusion system. Representative imaging regions showing Ki67 (white) and nuclear stain (blue). Antigen retrieval was performed using AR9 (Akoya, Part# AR900250ML). Ki67 was diluted 1:200. **A.** Zoomed in region showing Ki67 (white) and nuclear stain (blue). **B.** Zoomed in region showing Ki67 (white) only.

For Research Use Only. Not for use in diagnostic procedures.
© 2023 Akoya Biosciences, Inc. All rights reserved. All trademarks are the property of Akoya Biosciences unless otherwise specified.
PD-000022 Rev. B

AKOYA BIOSCIENCES®
THE SPATIAL BIOLOGY COMPANY®