Anti-Hu Pan-Cytokeratin(AKYP0053)-BX066 for PhenoCode Discovery

ANTIBODY CATALOG # 240229

Kit Catalog Numbers

Included as a component in antibody kits:

PhenoCode™ Discovery Immune Profiling Human Protein Core

4150094: Anti-Hu Pan-Cytokeratin(AKYP0053)-BX066—Alexa Fluor™ 488

4450093: Anti-Hu Pan-Cytokeratin(AKYP0053)-BX066—Alexa Fluor™ 750 (Optimized for PhenoCycler®-Fusion)

Quantity

Up to 25 tests

Target & Clone Information

Synonym/s	PanCK
Cell Type Expression	Epithelial cells
Expected Localization	Cytoplasm
Supplier-Verified Reactivity	Human, Rat
Supplier-Reported Reactivity	Dog, Non-human Primate
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 488**	--	--
Hu FFPE	Tonsil	Alexa Fluor 750†	1:200	50
Hu FFPE	Lung cancer	Alexa Fluor 750†	1:200	50

*Recommendation is for PhenoCycler-Fusion only.
**No recommended exposure time or dilution available for this reporter dye.
†Optimized for PhenoCycler-Fusion.

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

Notes: N/A

Anti-Hu Pan-Cytokeratin(AKYP0053)-BX066 for PhenoCode Discovery

ANTIBODY CATALOG # 240229

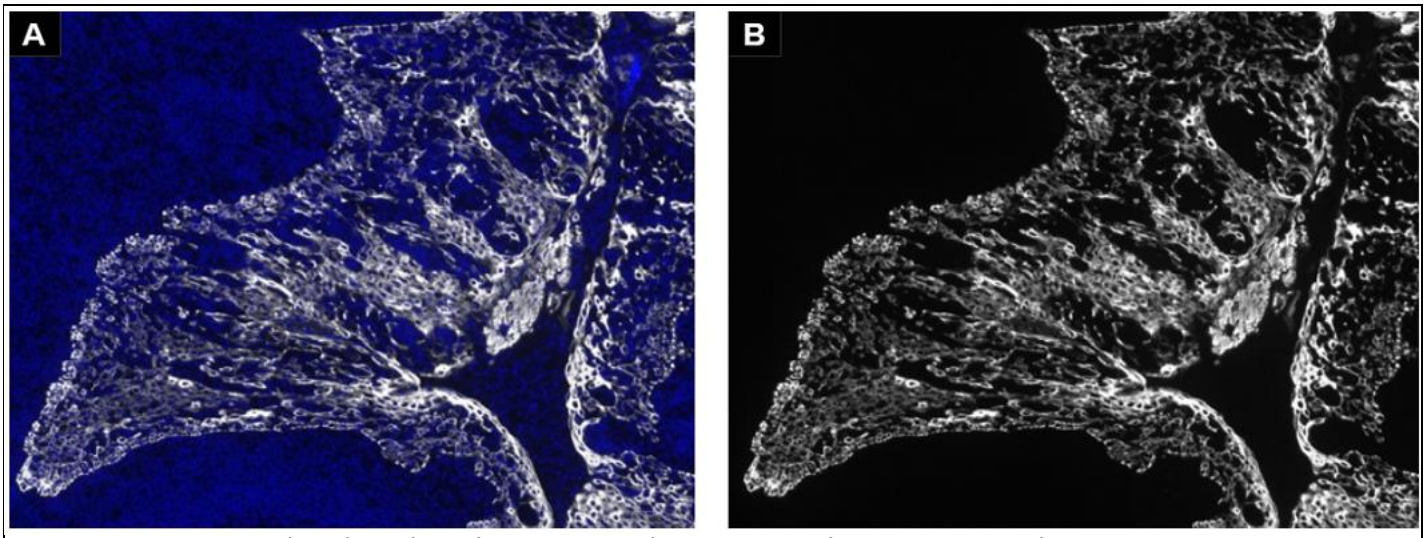

FIGURE 1. Human FFPE tonsil section stained with Pan-Cytokeratin PhenoCode Antibody and nuclear stain. An FFPE tonsil tissue section was stained with PhenoCode antibody Anti-Hu Pan-Cytokeratin(AKYP0053)-BX066 (detected using Alexa Fluor 750 reporter). Imaging performed using a 20X objective using the PhenoCycler-Fusion system. Representative imaging regions showing Pan-Cytokeratin (white) and nuclear stain (blue). Antigen retrieval was performed using AR9 (Akoya, Part# AR900250ML). Pan-Cytokeratin was diluted 1:200. **A.** Zoomed in region showing Pan-Cytokeratin (white) and nuclear stain (blue). **B.** Zoomed in region showing Pan-Cytokeratin (white) only.

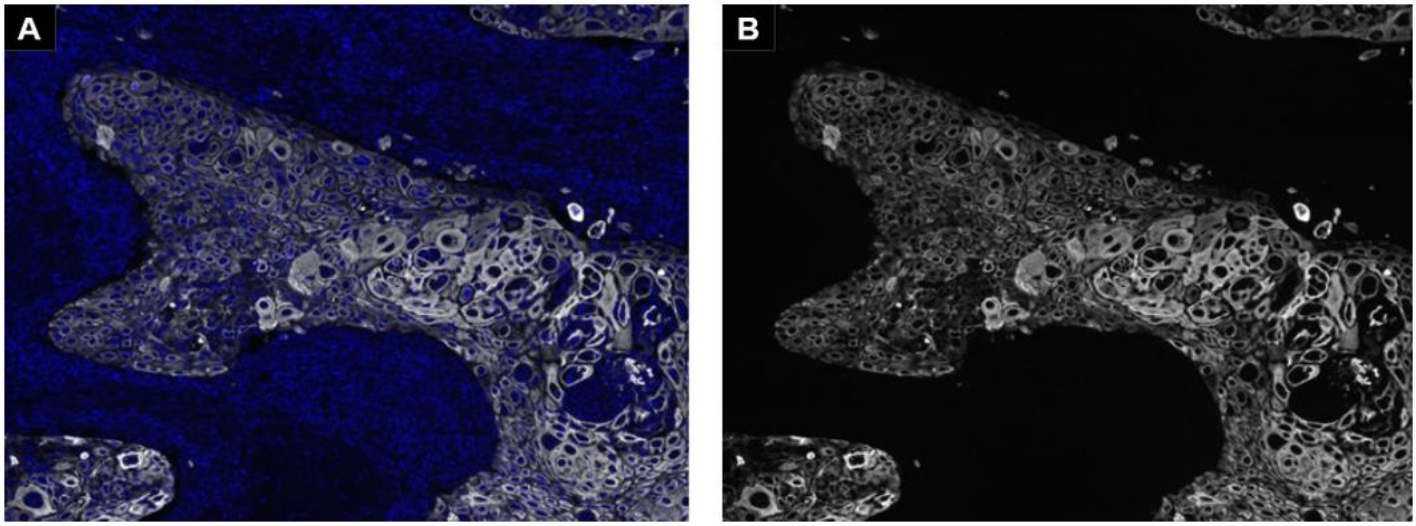

FIGURE 2. Human FFPE lung cancer section stained with Pan-Cytokeratin PhenoCode Antibody and nuclear stain. An FFPE lung cancer tissue section was stained with PhenoCode Anti-Hu Pan-Cytokeratin(AKYP0053)-BX066 (detected using Alexa Fluor 750 reporter). Imaging performed using a 20X objective using the PhenoCycler-Fusion system. Representative imaging regions showing Pan-Cytokeratin (white) and nuclear stain (blue). Antigen retrieval was performed using AR9 (Akoya, Part# AR900250ML). Pan-Cytokeratin was diluted 1:200. **A.** Zoomed in region showing Pan-Cytokeratin (white) and nuclear stain (blue). **B.** Zoomed in region showing Pan-Cytokeratin (white) only.

For Research Use Only. Not for use in diagnostic procedures.
© 2024 Akoya Biosciences, Inc. All rights reserved. All trademarks are the property of Akoya Biosciences unless otherwise speci ed.

PD-000029 Rev C

AKOYA BIOSCIENCES®
THE SPATIAL BIOLOGY COMPANY®