



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

CATALOG # S6501000

Components

240229 Anti-Hu Pan-Cytokeratin (AKYP0053)-BX066
PCSD066 HRP-HX066 PhenoCode™ Signature Detector

Quantity

Up to 20 Slides

Storage & Stability

Component #	Component	Storage Temp	Storage Notes	Stability
240229	Anti-Hu Pan-Cytokeratin (AKYP0053)-BX066	4°C	Do Not Freeze	Refer to expiration date on antibody tube label
PCSD066	HRP-HX066 PhenoCode Signature Detector	-20°C	Do Not Exceed 5 Freeze-Thaw Cycles	Refer to expiration date on HRP-HX PhenoCode Signature Detector tube label

Target & Clone Information

Synonym(s)	PanCK, broad spectrum cocktail of keratins
Cell Type Expression	Epithelial cells
Expected Localization	Cytoplasm
Reactivity	Human, Rat
Host Species/Isotype	Mouse IgG1, kappa
Clonality	Monoclonal

PhenoCode Signature Workflow

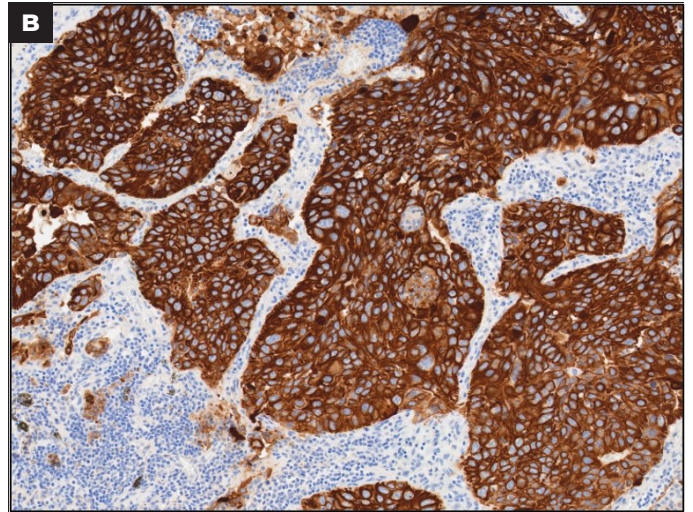
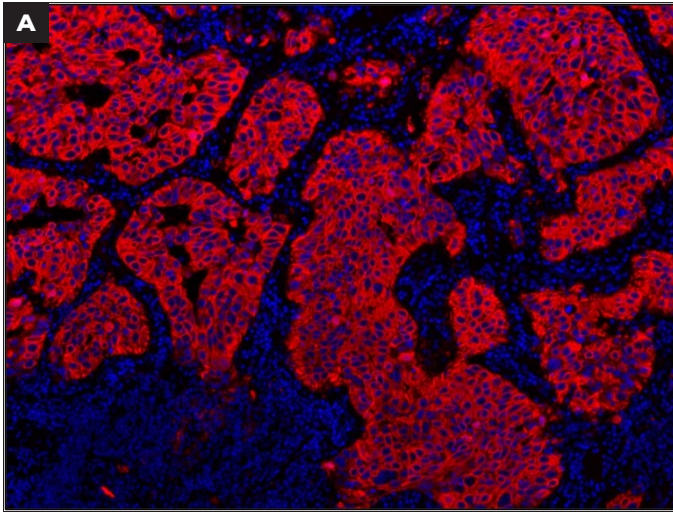
Tissue Type	Sample Types Used for Testing	Recommended Dilution
Human FFPE	Lung Cancer, Tonsil	1:400 - 1:4000

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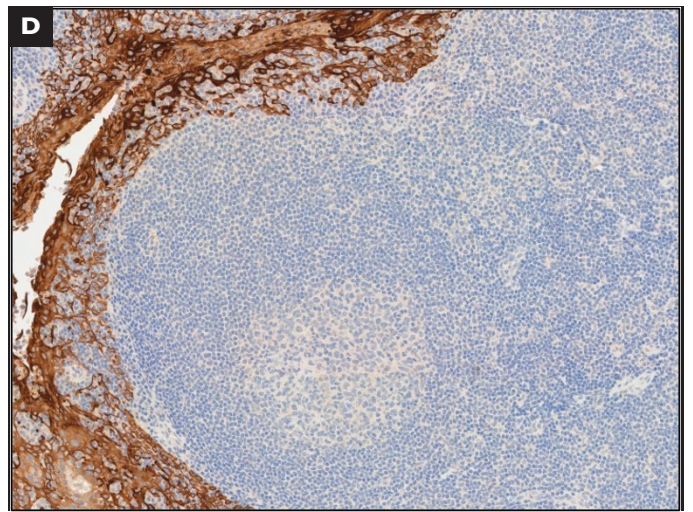
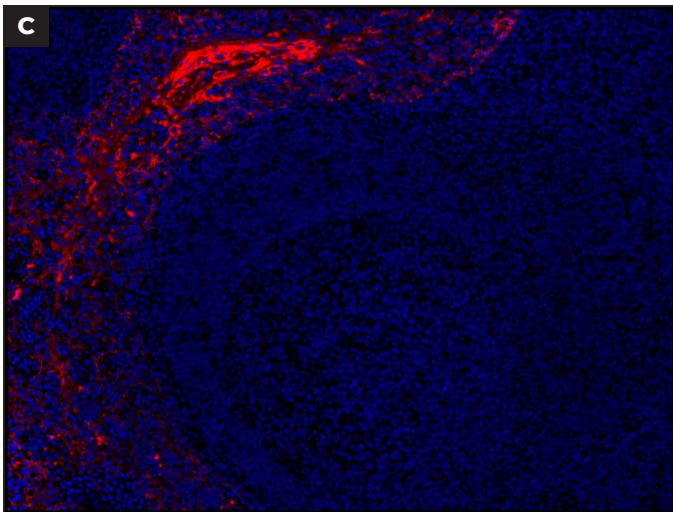
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Cytokeratin is a cytoplasmic protein that is expressed in epithelial cells. The following images compare the performance of anti-Pan-Cytokeratin as a barcoded primary antibody and as an unconjugated primary antibody. Comparisons are provided in human FFPE lung cancer and human FFPE tonsil tissues.

Human FFPE Lung Cancer



Human FFPE Tonsil



A. Barcoded anti-Pan-Cytokeratin paired with Opal 620 was used in the PhenoCode Signature Immuno-Contexture Human Protein Panel on lung cancer tissue. **B.** The image on the right shows human FFPE lung cancer tissue stained with DAB using unconjugated anti-Pan-Cytokeratin antibody. Each assay was performed using the same tissue block; sections were chosen to be as close as possible. **C and D.** Identical assays were run on human tonsil tissue and images are displayed in the same manner as sections A and B.

To learn more visit [AKOYABIO.COM](https://www.akoyabio.com) or email us at INFO@AKOYABIO.COM

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