



## Anti-Hu CD20 (AKYP0049)-BX064 for PhenoCode Signature

CATALOG # S6501008

### Components

240230 Anti-Hu CD20 (AKYP0049)-BX064  
PCSD064 HRP-HX064 PhenoCode™ Signature Detector

### Quantity

Up to 20 Slides

### Storage & Stability

Component #	Component Name	Storage Temp	Storage Notes	Stability
240230	Anti-Hu CD20 (AKYP0049)-BX064	4°C	Do Not Freeze	Refer to expiration date on antibody tube label
PCSD064	HRP-HX064 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)	Bp35, Leukocyte surface antigen Leu-16
Cell Type Expression	B cells
Expected Localization	Membrane
Reactivity	Human, Rhesus Monkey
Host Species/Isotype	Mouse IgG2a, kappa
Clonality	Monoclonal

### PhenoCode Signature Workflow

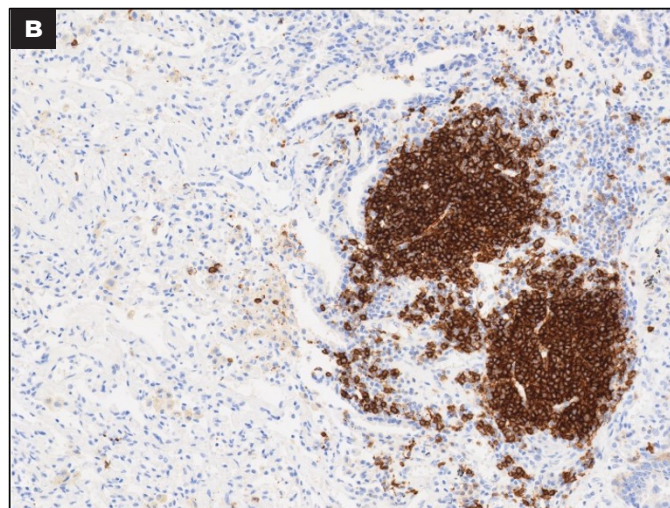
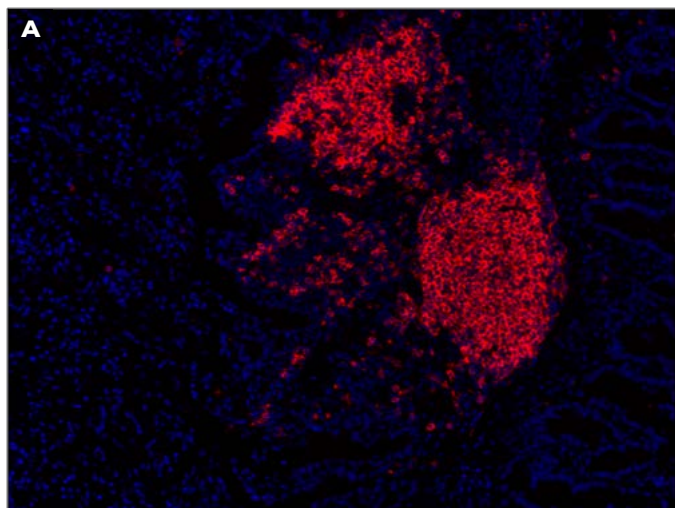
Tissue Type	Sample Types Used for Testing	Recommended Dilution
Human FFPE	Lung Cancer, Tonsil	1:800

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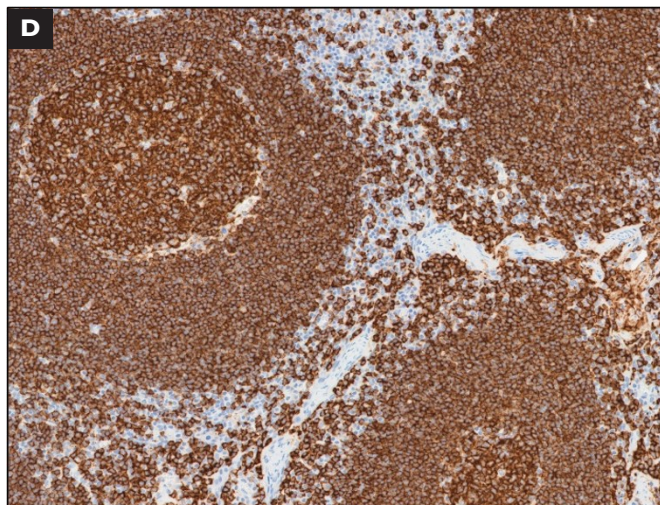
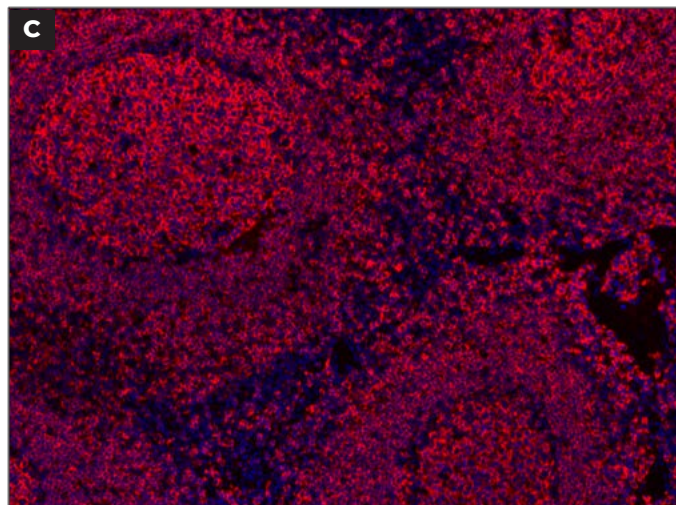
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CD20 is a membrane protein that is expressed on B cells. The following images compare the performance of anti-CD20 as a barcoded primary antibody and as an unconjugated primary antibody. Comparisons are provided in human FFPE lung cancer and human FFPE tonsil tissues.

### Human FFPE Lung Cancer



### Human FFPE Tonsil



**A.** Barcoded anti-CD20 paired with Opal 620 was used in the PhenoCode Signature Immune Profile 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-CD20 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](mailto:INFO@AKOYABIO.COM)

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