



Anti-Hu CD8 (AKYP0028)-BX026 for PhenoCode Signature

CATALOG # S6501001

Components

232151 Anti-Hu CD8 (AKYP0028)-BX026
PCSD026 HRP-HX026 PhenoCode™ Signature Detector

Quantity

Up to 20 Slides

Storage & Stability

Component #	Component Name	Storage Temp	Storage Notes	Stability
232151	Anti-Hu CD8 (AKYP0028)-BX026	4°C	Do Not Freeze	Refer to expiration date on antibody tube label
PCSD026	HRP-HX026 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)	T-lymphocyte differentiation antigen T8/Leu-2
Cell Type Expression	Predominantly Cytotoxic T cells, some NK cells and cortical thymocytes
Expected Localization	Membrane
Reactivity	Human, Mouse, Rat
Host Species/Isotype	Mouse IgG1, kappa
Clonality	Monoclonal

PhenoCode Signature Workflow

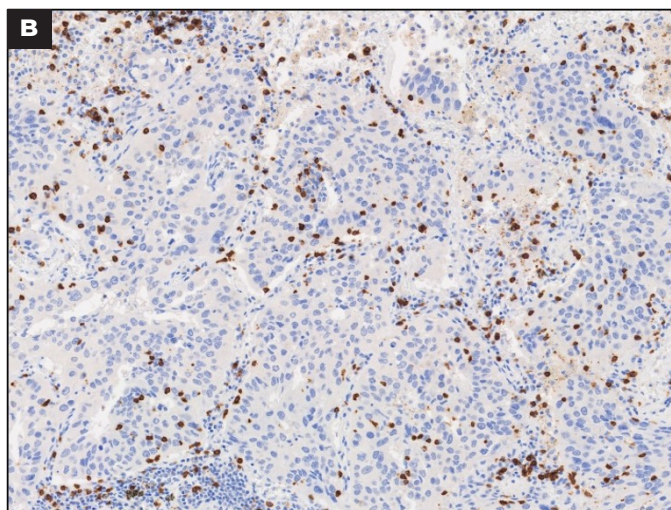
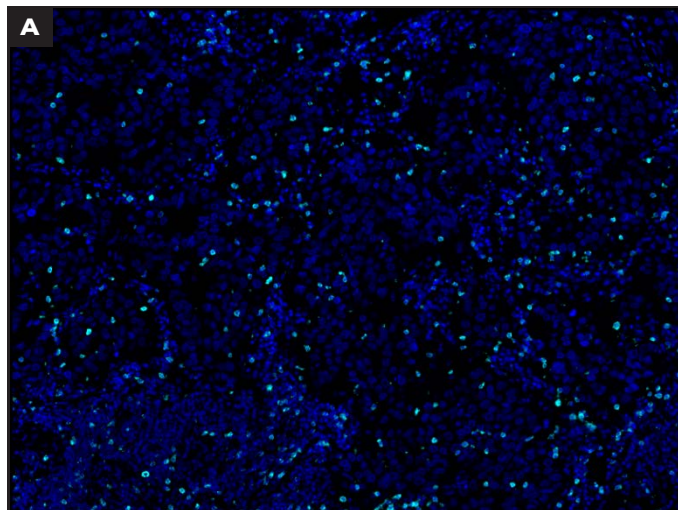
Tissue Type	Sample Types Used for Testing	Recommended Dilution
Human FFPE	Lung Cancer, Tonsil	1:5000

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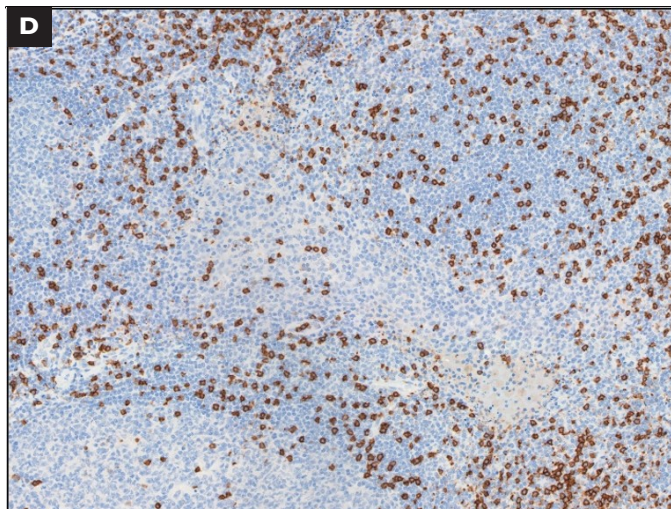
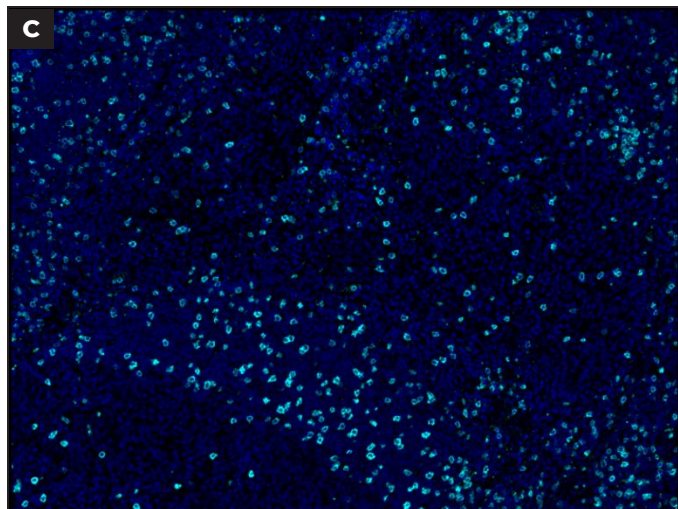
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CD8 is a membrane protein expressed primarily on cytotoxic T cells and some NK cells, cortical thymocytes, and dendritic cells. The following images compare the performance of anti-CD8 as a barcoded primary antibody and as an unconjugated primary antibody. Comparisons are provided in human FFPE lung cancer and human FFPE tonsil tissues.

Human FFPE Lung Cancer



Human FFPE Tonsil



A. Barcoded anti-CD8 paired with Opal 480 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-CD8 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.

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