Anti-Hu CD4 (AKYP0048)-BX003 for PhenoCode Signature

CATALOG # S6501002

Components

232174 Anti-Hu CD4 (AKYP0048)-BX003
PCSD003 HRP-HX003 PhenoCode™ Signature Detector

Quantity

Up to 20 Slides

Storage & Stability

Component #	Component Name	Storage Temp	Storage Notes	Stability
232174	Anti-Hu CD4 (AKYP0048)-BX003	4°C	Do Not Freeze	Refer to expiration date on antibody tube label
PCSD003	HRP-HX003 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-cell surface antigen T4/Leu-3
Cell Type Expression	Predominantly T helper cells, some Monocytes, Macrophages, and Dendritic cells
Expected Localization	Membrane
Reactivity	Human
Host Species/Isotype	Rabbit IgG
Clonality	Monoclonal

PhenoCode™ Signature Workflow

Tissue Type	Sample Types Used for Testing	Recommended Dilution
Human FFPE	Lung Cancer, Tonsil	1:400 – 1:800

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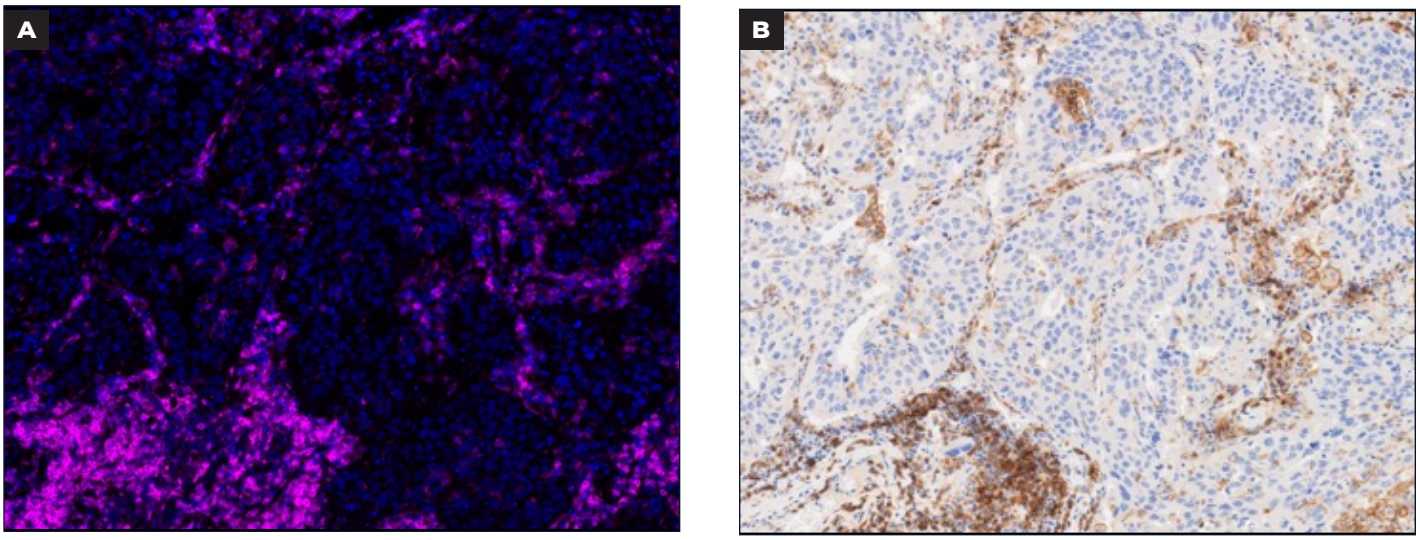
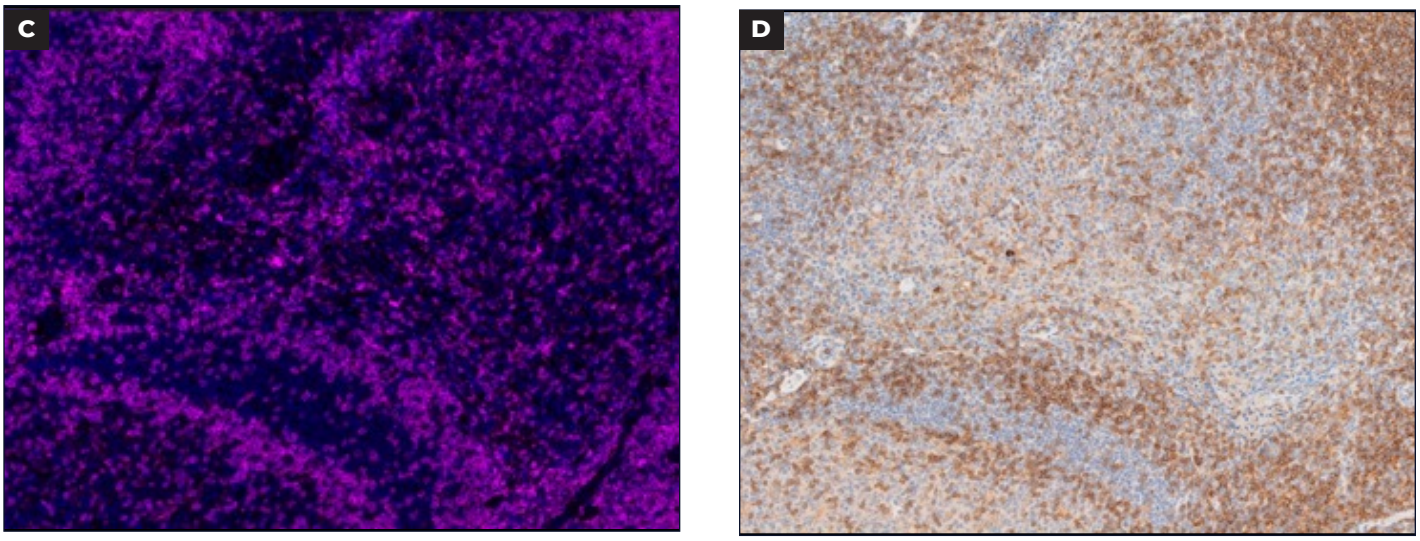
CD4 is a membrane protein expressed primarily on T helper cells but can also be sometimes found on monocytes, macrophages, and dendritic cells. The following images compare the performance of anti-CD4 as a barcoded primary antibody and as an unconjugated primary antibody. Comparisons are provided in human FFPE lung cancer and human FFPE tonsil tissues.

Human FFPE Lung Cancer



Human FFPE Tonsil



A. Barcoded anti-CD4 paired with Opal 520 was used in the PhenoCode Signature Immune Pro ile 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-CD4 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.

PD-000046 Rev B

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