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THE SPATIAL BIOLOGY COMPANY®

Anti-Hu PD-1 (AKYP0127)-BX046 for PhenoCode Signature

CATALOG # S6501010

Components

240231 Anti-Hu PD-1 (AKYP0127)-BX046
PCSD046 HRP-HX046 PhenoCode™ Signature Detector

Quantity

Up to 20 Slides

Storage & Stability

Component #	Component	Storage Temp	Storage Notes	Stability
240231	Anti-Hu PD-1 (AKYP0127)-BX046	4°C	Do Not Freeze	Refer to expiration date on antibody tube label
PCSD046	HRP-HX046 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)	CD279
Cell Type Expression	Activated T cells, B cells, Monocytes
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	1:75

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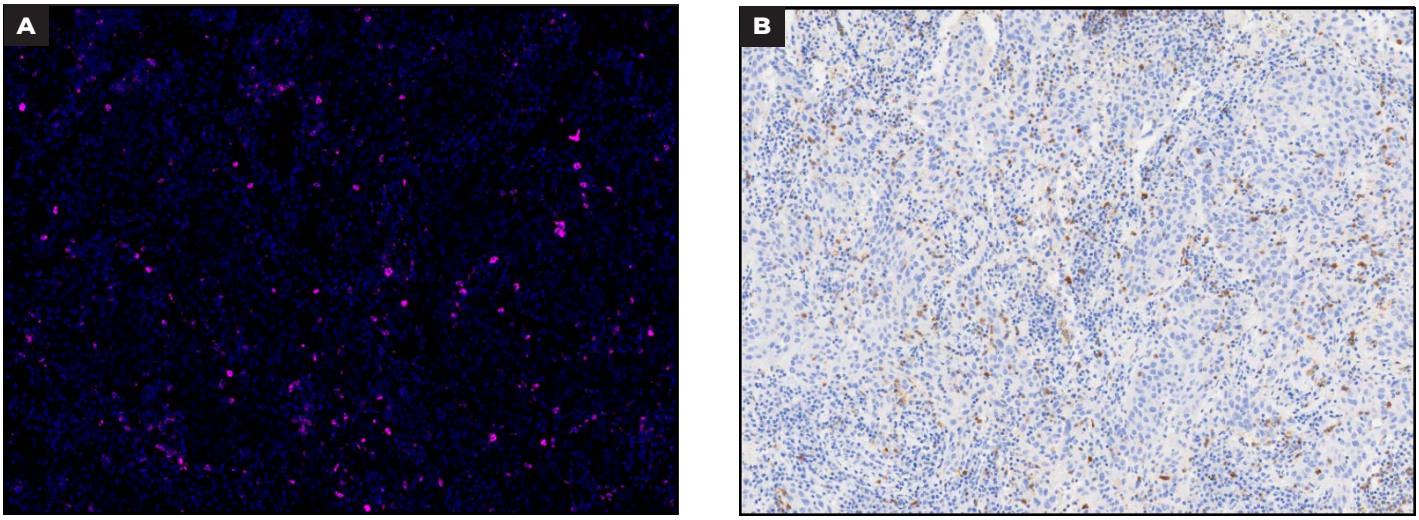
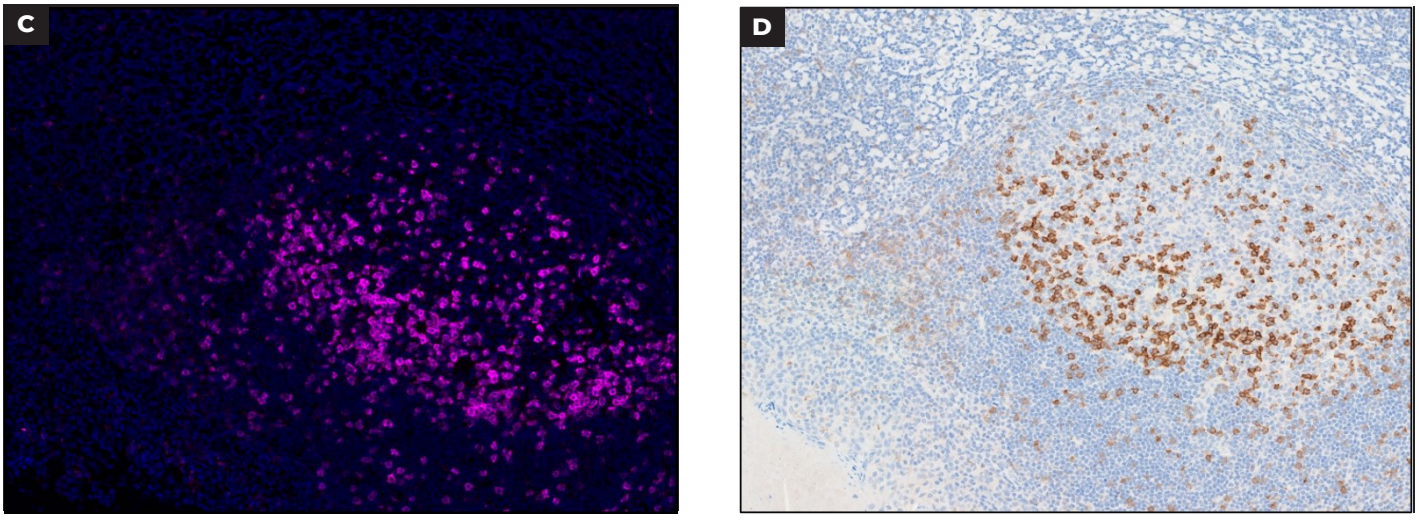
PD-1 is a membrane protein that is expressed on activated T cells, B cells, and monocytes. The following images compare the performance of anti-PD-1 as a barcoded primary antibody and as an unconjugated primary antibody. Comparisons are provided in human FFPE lung cancer and human FFPE tonsil tissues.

Human FFPE Lung Cancer



Human FFPE Tonsil



A. Barcoded anti-PD-1 paired with Opal 520 was used in the PhenoCode Signature Activated TIL Status 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-PD-1 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-000053 Rev B

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