Anti-Hu Beta-catenin1(AKYP0068)-BX096 for PhenoCode Discovery

ANTIBODY CATALOG # 240200

Kit Catalog Numbers

Included as a component in antibody kits:
PhenoCode™ Discovery Tissue Architecture Human Protein Module
4250091: Anti-Hu Beta-catenin1(AKYP0068)-BX096—Atto 550

Quantity

Up to 25 tests

Target & Clone Information

Synonym/s	Beta 1, CTNNB1, TNNB, MRD19
Cell Type Expression	Syncytiotrophoblasts, epithelial cells, B cells
Expected Localization	Plasma membrane
Supplier-Verified Reactivity	Human, Mouse, Rat
Supplier-Reported Reactivity	N/A
Host Species/Isotype	Mouse IgG1
Clonality	Monoclonal

PhenoCycler Workflow

RECOMMENDED STARTING TITRATIONS AND EXPOSURE TIMES

Tissue Type	Sample Type	Reporter Dye	Recommended Titration	Recommended Exposure Time* (ms)
Hu FFPE	Tonsil	Atto 550	1:200	100
Hu FFPE	Lung cancer	Atto 550	1:200	100
Hu FFPE	Breast cancer**	Atto 550	1:400	—

*Recommendation is for PhenoCycler®-Fusion only.

**No recommended exposure time available for this sample type.

Antigen retrieval conditions: AR9 (Akoya, Part# AR900250ML)

Notes: N/A

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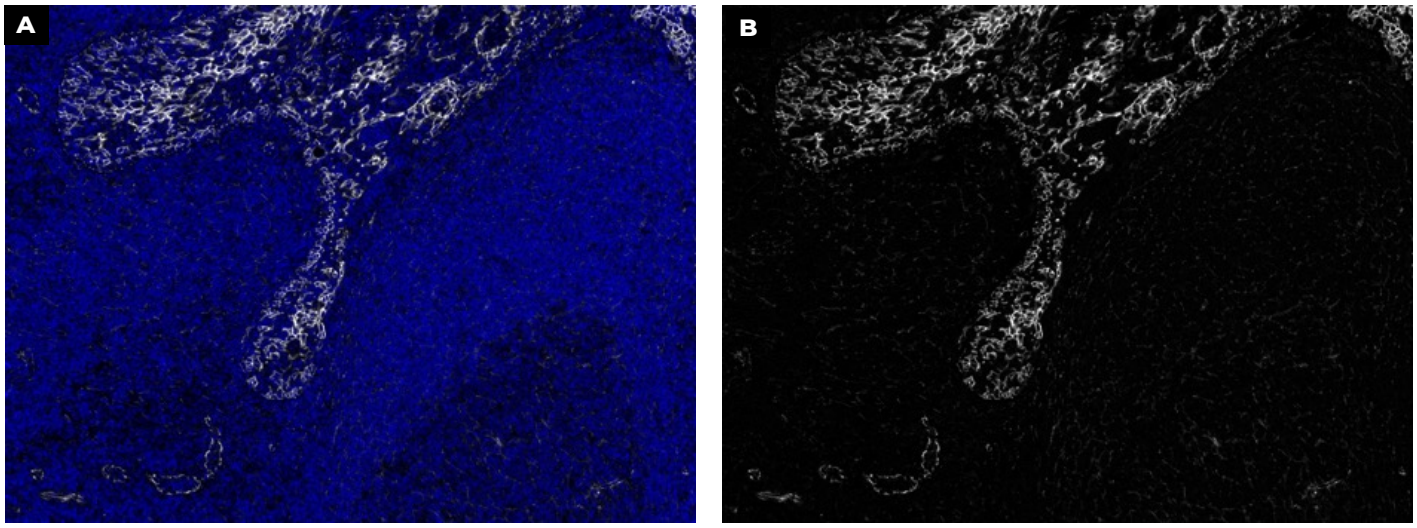

Figure 1. Human FFPE tonsil section stained with Beta-catenin1 PhenoCode Antibody and nuclear stain. An FFPE tonsil tissue section was stained with PhenoCode antibody Anti-Hu Beta-catenin1(AKYP0068)-BX096 (detected using Atto 550 reporter). Imaging performed using a 20X objective using the PhenoCycler-Fusion system. Representative imaging regions showing Beta-catenin1 (white) and nuclear stain (blue). Antigen retrieval was performed using AR9 (Akoya, Part# AR900250ML). Beta-catenin1 was diluted 1:200. **A.** Zoomed in region showing Beta-catenin1 (white) and nuclear stain (blue). **B.** Zoomed in region showing Beta-catenin1 (white) only.

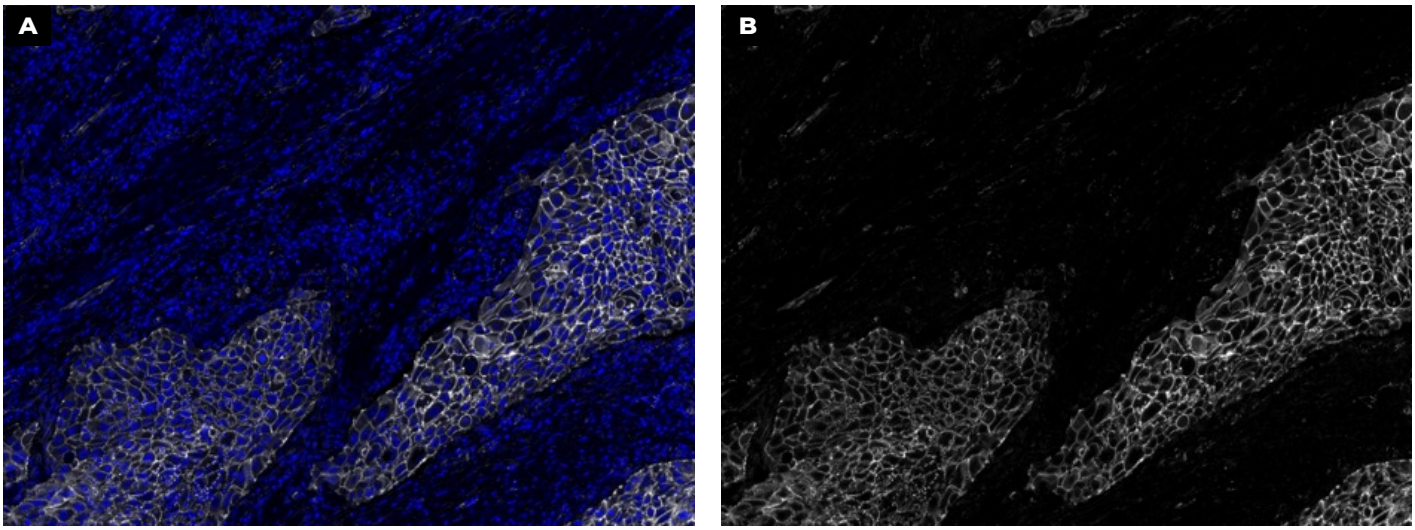

Figure 2. Human FFPE lung cancer section stained with Beta-catenin1 PhenoCode Antibody and nuclear stain. An FFPE lung cancer tissue section was stained with PhenoCode antibody Anti-Hu Beta-catenin1(AKYP0068)-BX096 (detected using Atto 550 reporter). Imaging performed using a 20X objective using the PhenoCycler-Fusion system. Representative imaging regions showing Beta-catenin1 (white) and nuclear stain (blue). Antigen retrieval was performed using AR9 (Akoya, Part# AR900250ML). Beta-catenin1 was diluted 1:200. **A.** Zoomed in region showing Beta-catenin1 (white) and nuclear stain (blue). **B.** Zoomed in region showing Beta-catenin1 (white) only.

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