Anti-Hu CD57(AKYP0148)-BX028 for PhenoCode Discovery

ANTIBODY CATALOG # 200094

Kit Catalog Numbers

Included as a component in antibody kits:
4250108: Anti-Hu CD57(AKYP0148)-BX028—Atto 550

Quantity

Up to 25 tests

Target & Clone Information

Synonym/s	HNK-1, NK-1, Leu-7
Cell Type Expression	CNS, peripheral nerves and neuroendocrine cells, CD8+ T cells, NK cells
Expected Localization	Intracellular, membrane
Supplier-Verified Reactivity	Human
Supplier-Reported Reactivity	--
Host Species/Isotype	Mouse IgM
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

*Recommendation is for PhenoCycler®-Fusion only.

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

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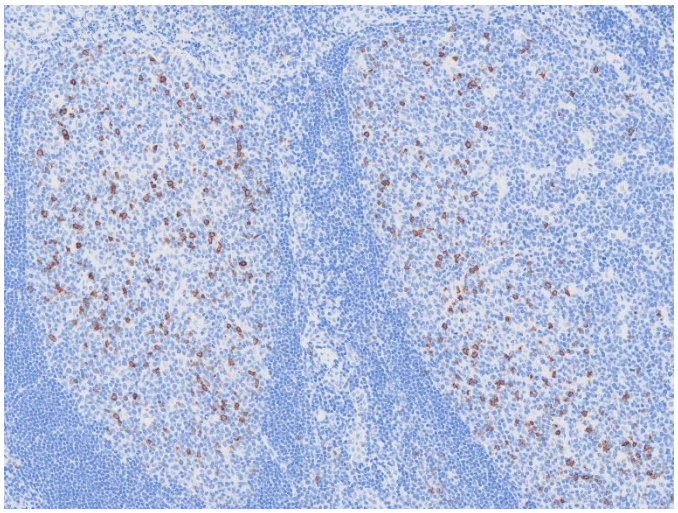

FIGURE 1. Human FFPE tonsil section stained with CD57 using DAB. An FFPE tonsil tissue section was stained with Anti-Hu CD57 and detected using a Leica BOND Polymer Refine Detection Kit. Antigen retrieval was performed using Leica ER2 solution. CD57 was diluted 1:400.

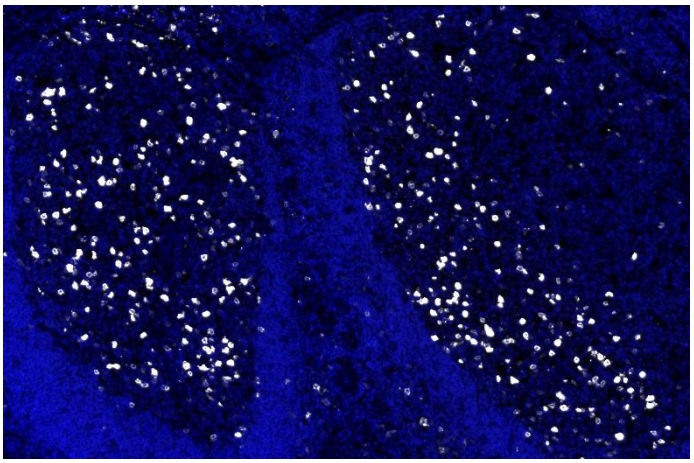

FIGURE 2. Human FFPE tonsil section stained with CD57 PhenoCode Antibody and nuclear stain. An FFPE tonsil tissue section was stained with PhenoCode antibody Anti-Hu CD57(AKYP0148)-BX028 (detected using Atto 550 reporter). Imaging performed using a 20X objective using the PhenoCycler-Fusion system. Representative imaging regions showing CD57 (white) and nuclear stain (blue). Antigen retrieval was performed using AR9 (Akoya, Part# AR900250ML). Anti-Hu CD57(AKY0148)-BX028 was diluted 1:400.

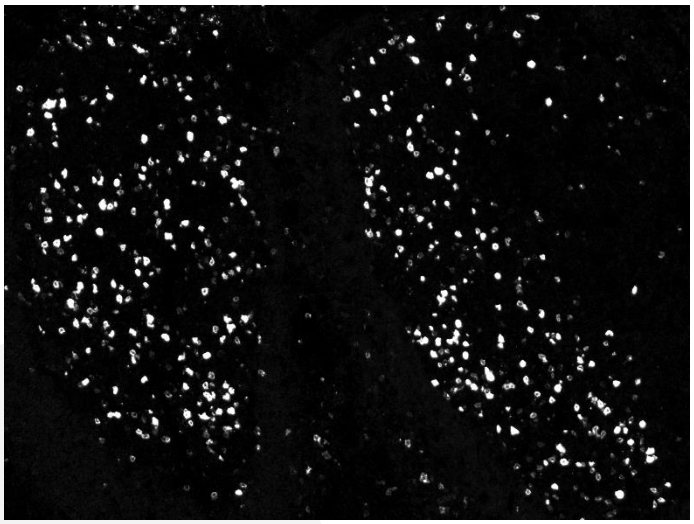

FIGURE 3. Human FFPE tonsil section stained with CD57 PhenoCode Antibody and nuclear stain. An FFPE tonsil tissue section was stained with PhenoCode antibody Anti-Hu CD57(AKYP0148)-BX028 (detected using Atto 550 reporter). Imaging performed using a 20X objective using the PhenoCycler-Fusion system. Representative imaging regions showing CD57 (white) and nuclear stain ommited. Antigen retrieval was performed using AR9 (Akoya, Part# AR900250ML). Anti-Hu CD57(AKY0148)-BX028 was diluted 1:400.

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