



Anti-Hu CD68 (AKYP0050)-BX015 for PhenoCode Signature

CATALOG # S6501004

Components				
232176 Anti-Hu CD68 (AKYP0050)-BX015 PCSD015 HRP-HX015 PhenoCode™ Signature Detector				
Quantity				
Up to 20 Slides				
Storage & Stability				
Component #	Component Name	Storage Temp	Storage Notes	Stability
232176	Anti-Hu CD68 (AKYP0050)-BX015	4°C	Do Not Freeze	Refer to expiration date on antibody tube label
PCSD015	HRP-HX015 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)	Macrosialin, Gp110
Cell Type Expression	Macrophages, Myeloid-derived cells, Monocytes, Neutrophils, Basophils, Dendritic cells
Expected Localization	Membrane
Reactivity	Human
Host Species/Isotype	Mouse IgG1, kappa
Clonality	Monoclonal

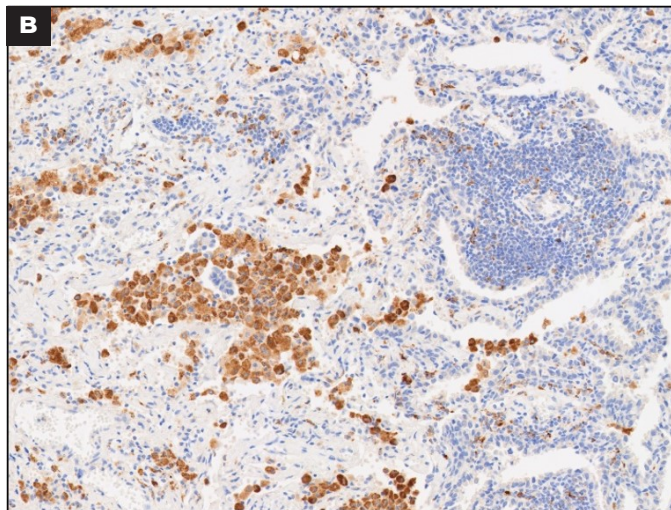
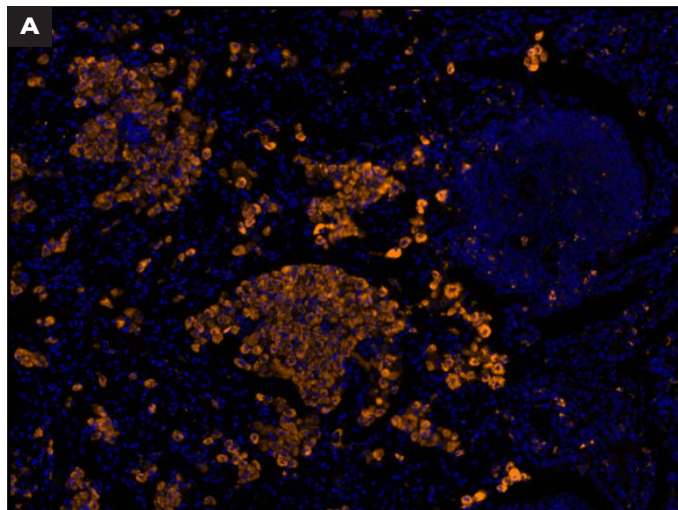
PhenoCode Signature Workflow		
Tissue Type	Sample Types Used for Testing	Recommended Dilution
Human FFPE	Lung Cancer, Tonsil	1:8000

Anti-Hu CD68 (AKYP0050)-BX015 for PhenoCode Signature

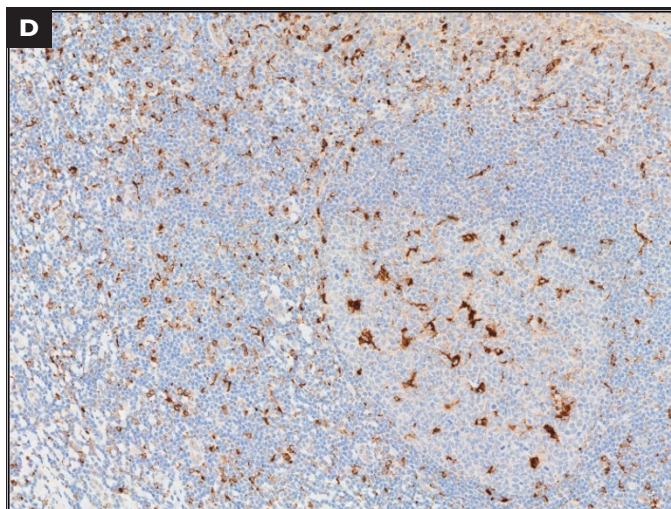
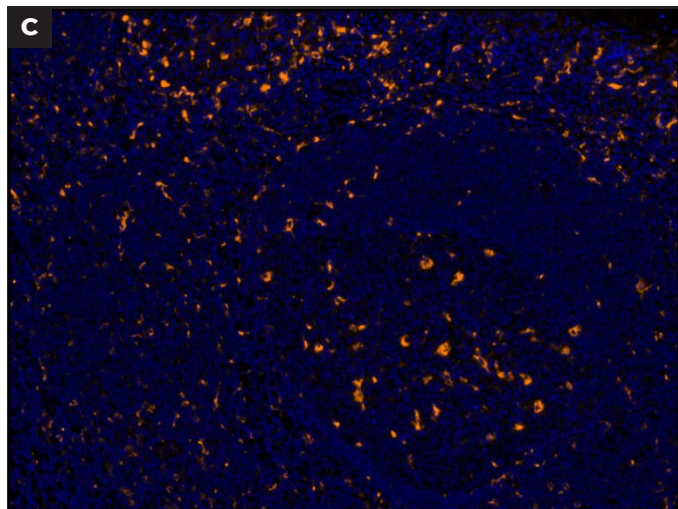
CATALOG # S6501004

CD68 is a membrane protein that primarily localizes to lysosomes and endosomes with a smaller fraction circulating to the cell surface. The following images compare the performance of anti-CD68 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-CD68 paired with Opal 780 was used in the PhenoCode Signature Immuno-Contexture 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-CD68 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.

To learn more visit [AKOYABIO.COM](https://www.akoysciences.com) or email us at INFO@AKOYABIO.COM

For Research Use Only. Not for use in diagnostic procedures.

© 2023 Akoya Biosciences, Inc. All rights reserved. All trademarks are the property of Akoya Biosciences unless otherwise specified.

PD-000047 Rev B