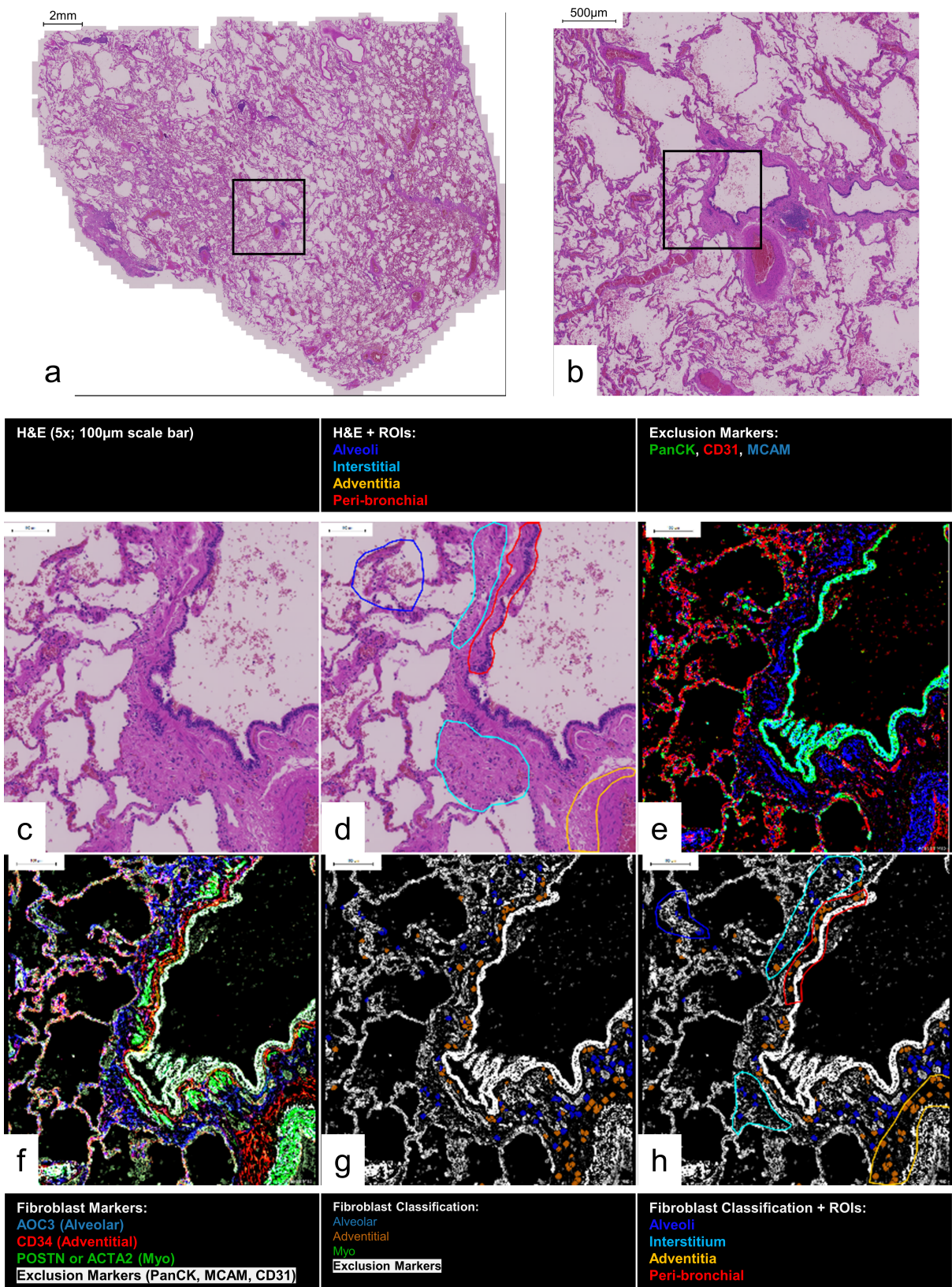


Supplementary Data 6: Additional mxIHC images related to Figure 3b



a) Whole slide image of H&E stained control lung tissue, indicating region of interest (ROI) displayed in panel b. Scale bar represents 2mm.

- b) Micrograph of ROI selected from panel a, indicating ROI displayed in panels c-h.
- c-h) Micrographs showing H&E and mxIHC from serial sections. Coloured as described in the associated key.
- c) Shows the H&E image with no markup.
- d) Shows the H&E image with relevant regions for subpopulation enrichment circled.
- e) Shows a pseudo immunofluorescence (pIF) image from mxIHC staining for exclusion markers individually coloured.
- f) Shows a pseudo immunofluorescence (pIF) image from mxIHC staining for fibroblast markers (in red, green and blue) and exclusion markers (all coloured white) as indicated in the key.
- g) Shows the exclusion marker staining (in white) with simulated cell areas shown for all fibroblasts detected by histo-cytometry analysis, coloured by subpopulation classification.
- h) As per panel g, with different regions circled as per panel d.