

ONLINE DATA SUPPLEMENT

GLUTATHIONE PEROXIDASE 3 LOCALIZES TO THE EPITHELIAL LINING FLUID AND THE EXTRACELLULAR MATRIX IN INTERSTITIAL LUNG DISEASE

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SUPPLEMENTARY FIGURE LEGENDS

Supplementary figure S1: Gpx3 also localizes to ECM structures in distal fibrotic areas of bleomycin (Bleo) instilled mouse lung. Immunofluorescence analysis of Bleo mouse lungs at day 14 after instillation. Representative images with Gpx3 (red), Col-I (green), and DAPI (blue) are shown for distal alveolar regions. Scale bar: 100 μ m. White arrows in the higher magnification inserts (lower panels) indicate colocalization of Gpx3 with interstitial ECM structures.

Supplementary figure S2: GPX3 protein is increased in IPF total lung homogenates relative to donor control samples. Western Blot analysis of GPX3 in donor, HP, and IPF lung tissue homogenate show upregulation of GPX3 (expected molecular weight after removal of signal peptide 23.8 kDa). Signals were documented with the ChemiDoc XRS+ Imaging System and merged with a photograph of the blot, so that the image here also shows the prestained molecular weight markers.

Figure S1

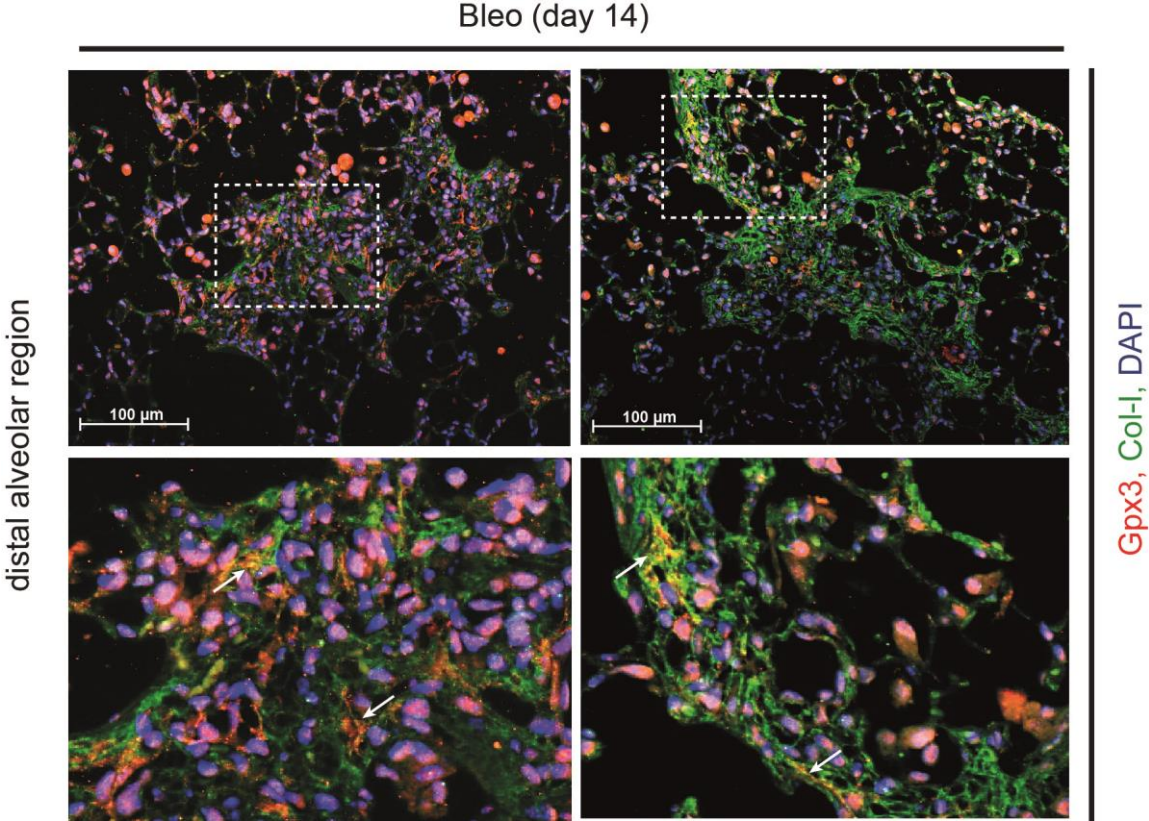


Figure S2

