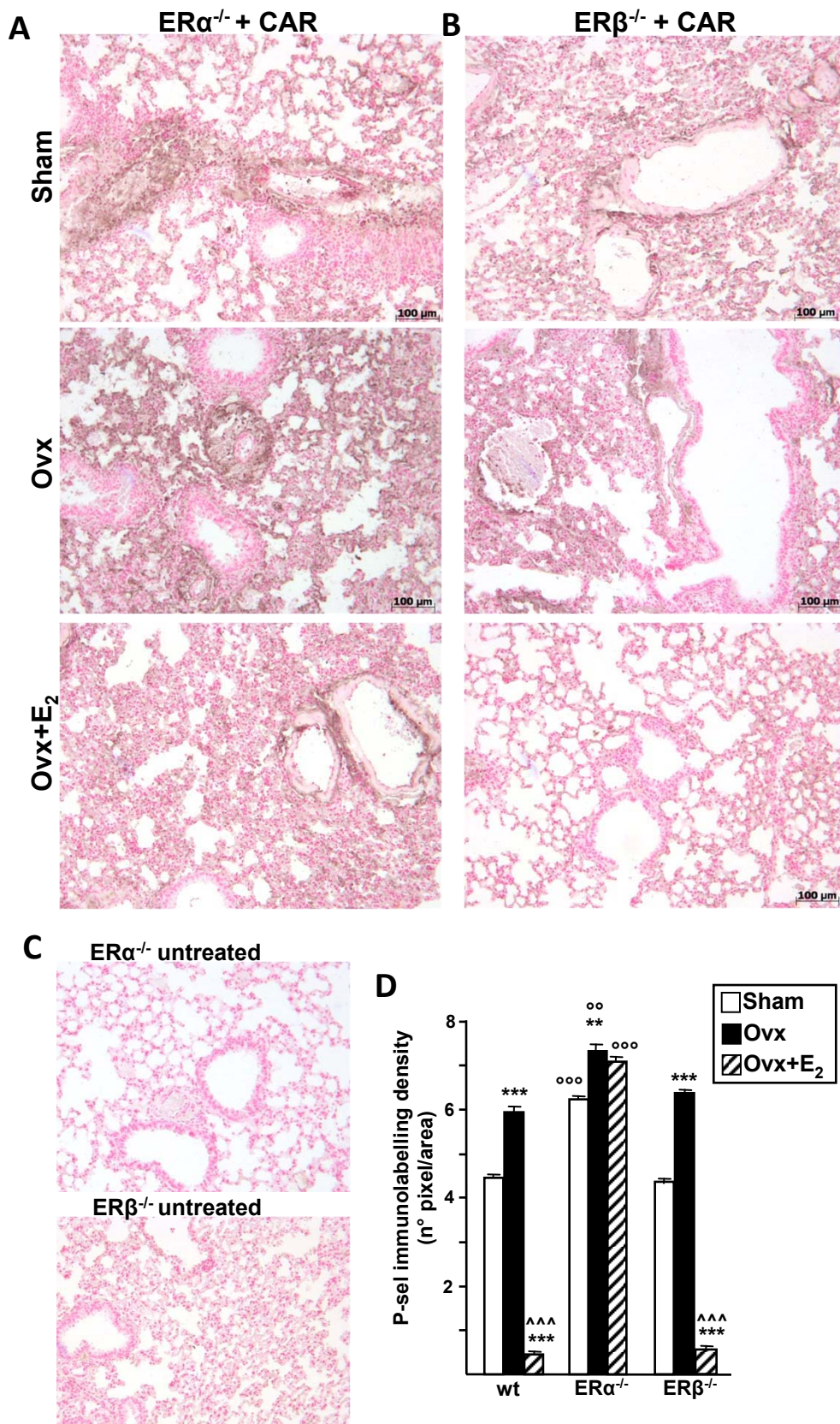


Supplementary Figure 1. P-Sel immunolabelling in lung of ER-KO animals. Lung tissue from CAR-treated (A) ER α - or (B) ER β -KO mice either sham, ovx or ovx+E₂ were analysed by IHC with specific antibody against P-Sel. (C) Immunohistochemistry for P-Sel in lung sections from ER α - and ER β -KO untreated mice. Representative IHC images are shown. (D) Densitometry evaluation of P-Sel immunolabelling in wt, ER α - and ER β -KO mice. Data are expressed as means of % of total tissue area +/- s.e.m. * vs sham, ^ vs ovx; ° vs the corresponding treatment in wt. *, ^ $P < 0.05$; **, ^^, °° $P < 0.01$; ***, °°°, ^^° $P < 0.001$.

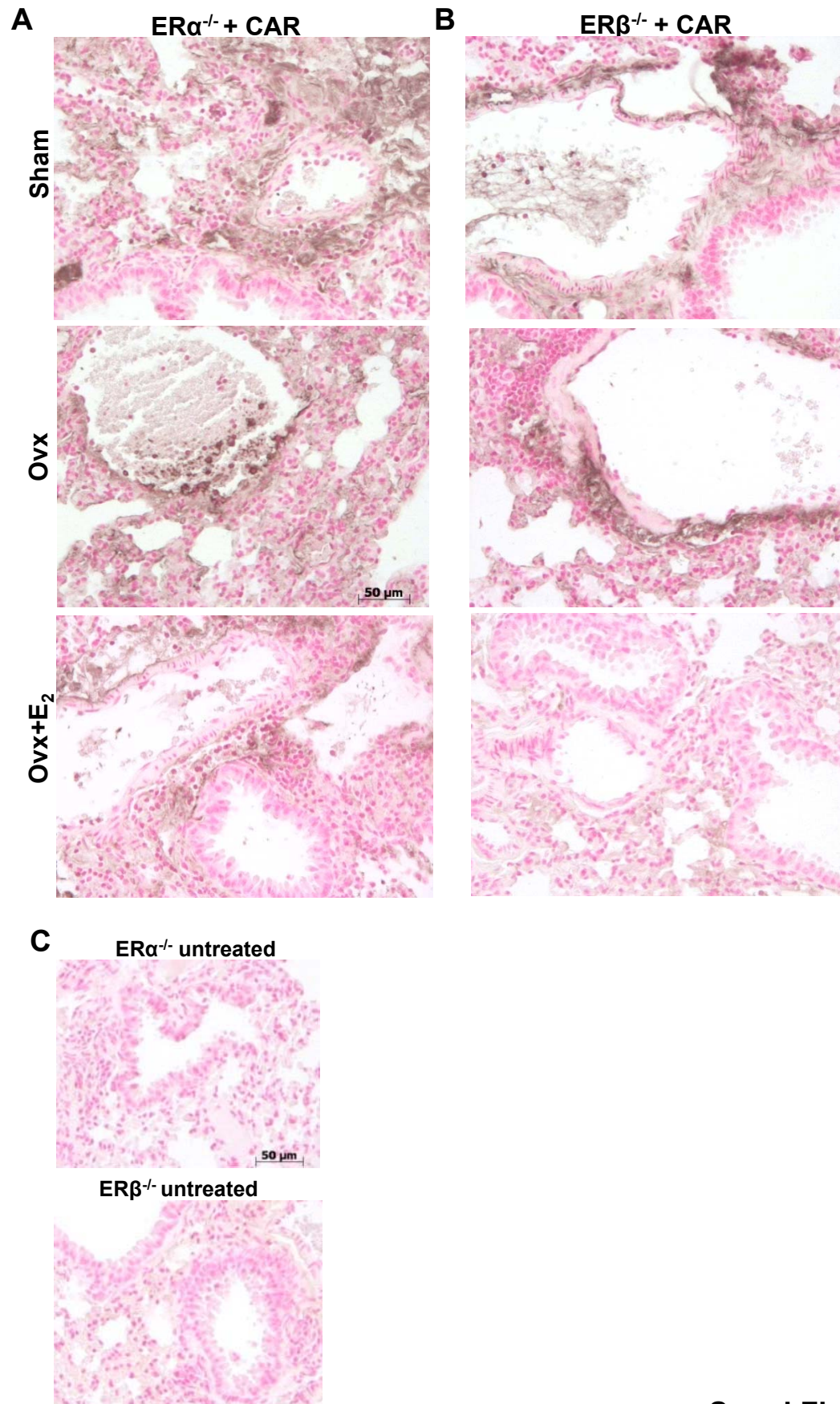
Supplementary Figure 2. TNF α immunolabelling in lung of ER-KO animals. Representative IHC images of lung tissue analysed with a specific antibody against TNF α in CAR-treated (A) ER α - and (B) ER β -KO mice, either sham, ovx or ovx+ E₂ or (C) in untreated mice.

Supplementary Figure 3. IL1- β immunolabelling in lung of ER-KO animals. Representative IHC images of lung tissue analysed with a specific antibody against IL1- β in CAR-treated (A) ER α - and ER β -KO mice, either sham, ovx or ovx+ E₂ or (C) in untreated mice. (D) Densitometry evaluation of IL1- β immunolabelling in wt, ER α - and ER β -KO mice. Data are expressed as means of % of total tissue area +/- s.e.m. * vs sham, ^ vs ovx; ° vs the corresponding treatment in wt. *, ^ $P < 0.05$; **, ^^, °° $P < 0.01$; ***, °°°, ^^° $P < 0.001$.

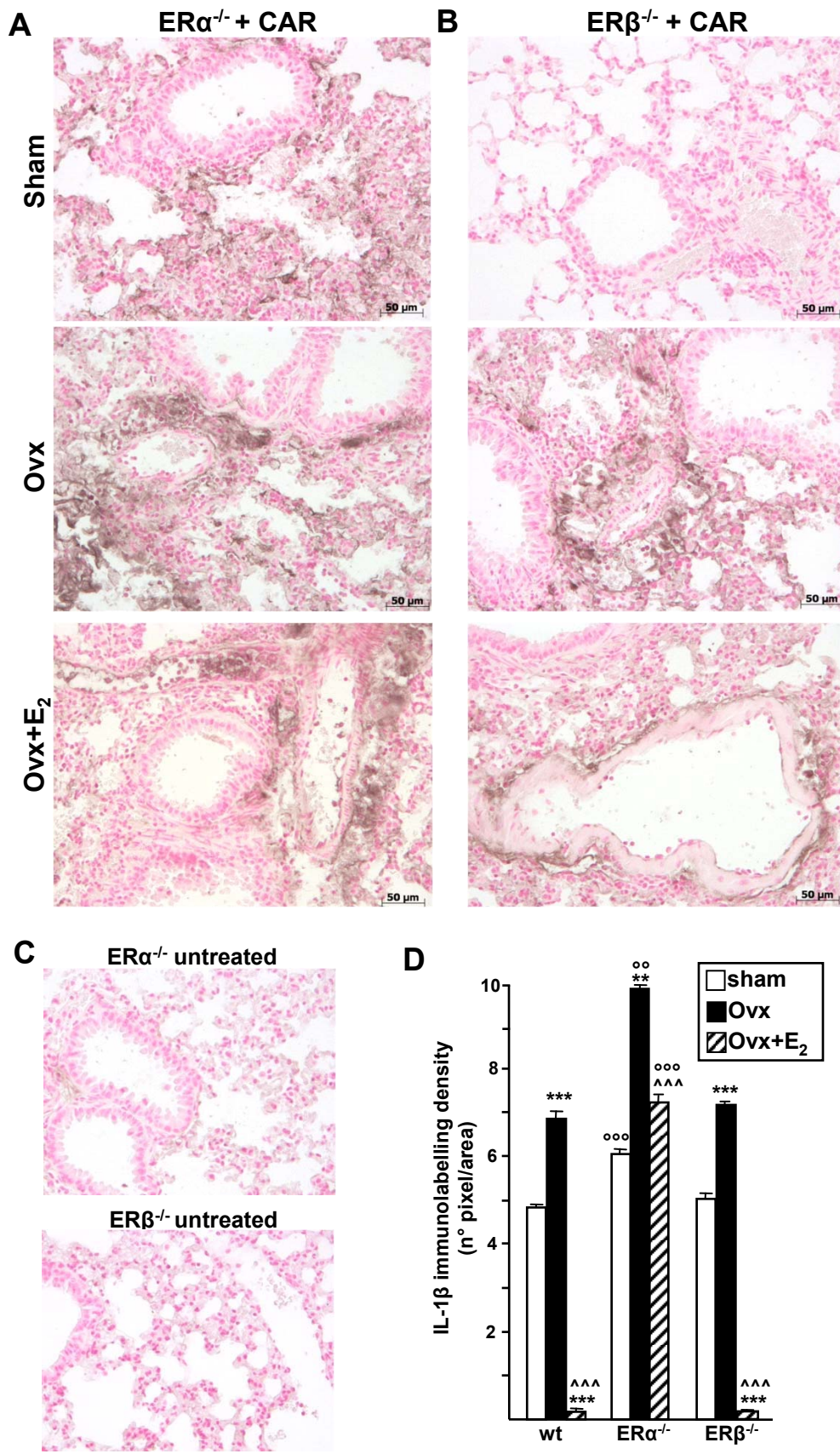
Supplementary Figure 4. Nitrotyrosine immunolabelling in lung of ER-KO animals. Representative IHC images of lung tissue analysed with a specific antibody against nitrotyrosine residues in CAR-treated (A) ER α - and (B) ER β -KO mice, either sham, ovx or ovx+ E₂ or (C) in untreated mice.



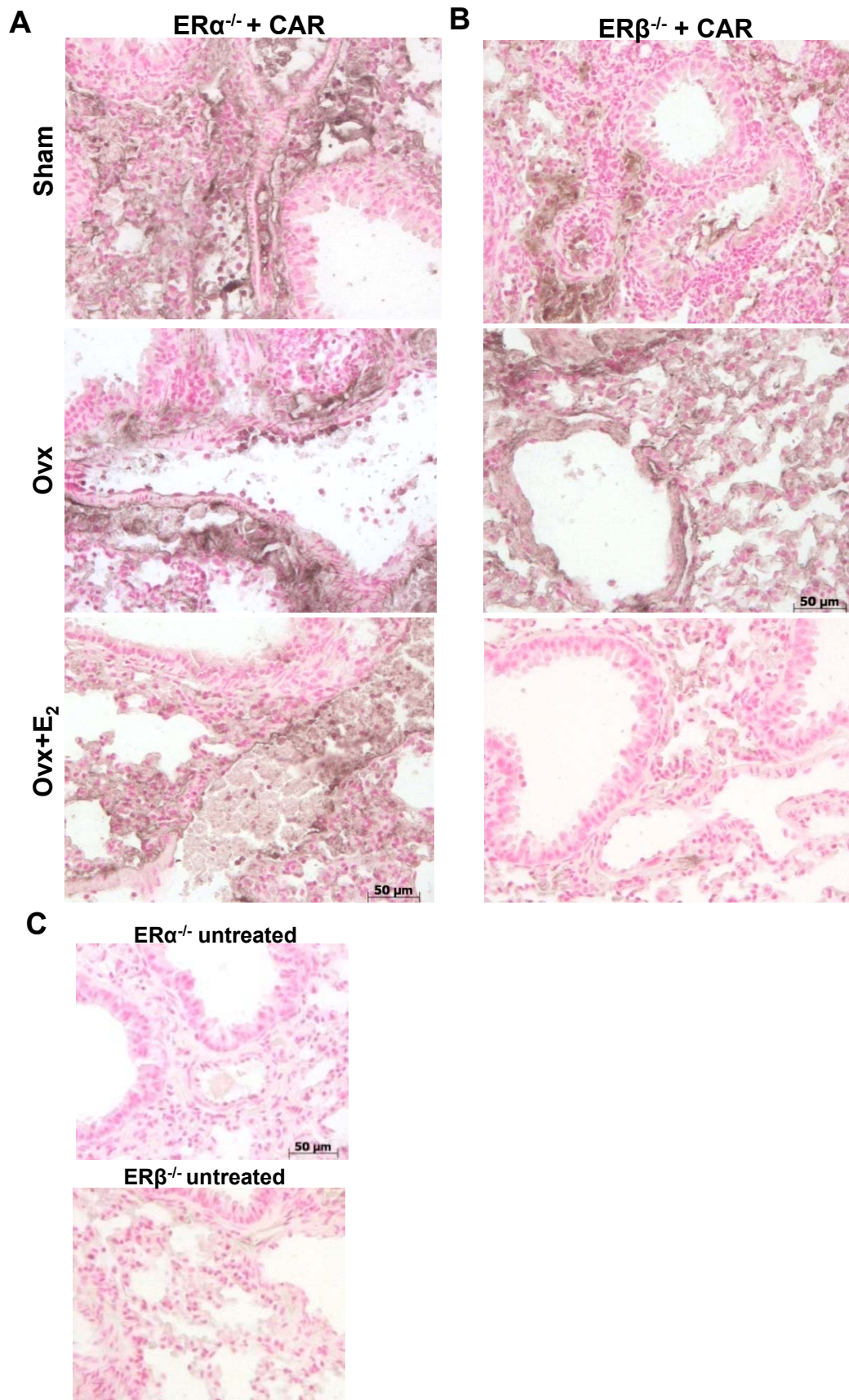
Suppl Figure 1. P-Sel IHC and densitometry



Suppl Fig.2 TNF α IHC



Suppl Figure 3. IHC IL-1 β and densitometry



Suppl. Fig. 4 Nitrotyrosine IHC