

μCT imaging of a multi-organ vascular fingerprint in rats

– Supporting information

Methods

S4 Table. Immunostaining protocol after Microfil-perfusion and μCT imaging for several common cardiac antibodies.

	WGA	CD68	Fibronectin	Collagen Type 1
Unmasking	20 min citrate buffer, room temperature (RT)			
Blocking	15 min 3% H ₂ O ₂ , RT			
Washing	3x 5 min dH ₂ O, RT			
Blocking	60 min 10% normal donkey serum (NDS), RT, wet chamber			
1stantibody	overnight, WGA, 1:100 (in 10% NDS), 4°C, wet chamber	overnight, anti-ED1, 1:100 (in 10% NDS), 4°C, wet chamber	overnight, anti-Fibronectin, 1:75 (in 10% NDS), 4°C, wet chamber	overnight, anti-Type I Collagen, 1:20 (in 10% NDS), 4°C, wet chamber
Washing	3x 5 min 1x phosphate buffer solution (PBS), RT			
2ndantibody	none	120 min Cy3-conj. donkey anti-mouse IgG, 1:300 (in 1x PBS), RT, wet chamber	120 min Cy3-conj. donkey anti-rabbit IgG, 1:300 (in 1x PBS), RT, wet chamber	120 min Cy3-conj. donkey anti-goat IgG, 1:300 (in 1x PBS), RT, wet chamber
Washing	3x 5 min 1x PBS, RT			
Covering	Vectashield / DAPI			