

**Supplementary Table S1. Immunostaining conditions**

Primary antibody (dilution, distributor)	Secondary antibody (distributor)	Detection system (distributor)
Rabbit polyclonal anti-CCL2 antibody (1:300, LifeSpan BioSciences Inc., Seattle, WA, USA)	Anti-rabbit poly-HRP-IgG (Leica Biosystem, NewCastle, UK)	Bond Polymer Refine Detection Kit (Leica Biosystem, NewCastle, UK)
Mouse monoclonal anti-IL-8 antibody (1:200, LifeSpan BioSciences Inc., Seattle, WA, USA)	Rabbit anti-mouse IgG and anti-rabbit poly-HRP-IgG (Leica Biosystem, NewCastle, UK)	Bond Polymer Refine Detection Kit (Leica Biosystem, NewCastle, UK)
Mouse monoclonal anti-galectin-1 antibody (1:200, Leica Microsystems, Wetzlar, Germany)	Rabbit anti-mouse IgG and anti-rabbit poly-HRP-IgG (Leica Biosystem, NewCastle, UK)	Bond Polymer Refine Detection Kit (Leica Biosystem, NewCastle, UK)
Mouse monoclonal anti-galectin-3 antibody (1:400, Santa Cruz Biotechnology, Inc., Santa Cruz, CA, USA)	Rabbit anti-mouse IgG and anti-rabbit poly-HRP-IgG (Leica Biosystem, NewCastle, UK)	Bond Polymer Refine Detection Kit (Leica Biosystem, NewCastle, UK)
Mouse monoclonal anti-IGFBP1 antibody (1:100, Santa Cruz Biotechnology, Inc., Santa Cruz, CA, USA)	Discovery universal secondary antibody (Ventana Medical Systems, Inc., Tucson, AZ, USA)	DAB-MAP HRP Kit (Ventana Medical Systems, Inc., Tucson, AZ, USA)
Rabbit monoclonal anti-PAEP antibody (1:50, LifeSpan BioScience Inc., Seattle, WA, USA)	Discovery universal secondary antibody (Ventana Medical Systems, Inc., Tucson, AZ, USA)	DAB-MAP HRP Kit (Ventana Medical Systems, Inc., Tucson, AZ, USA)