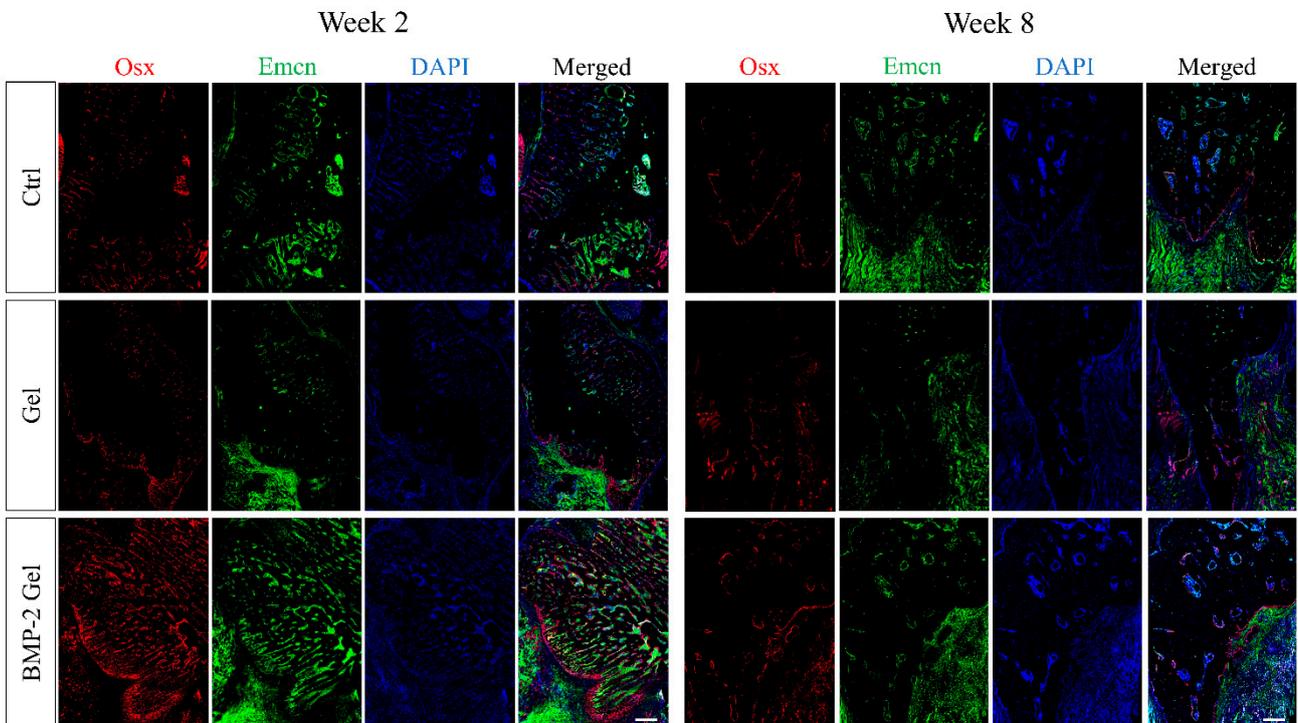
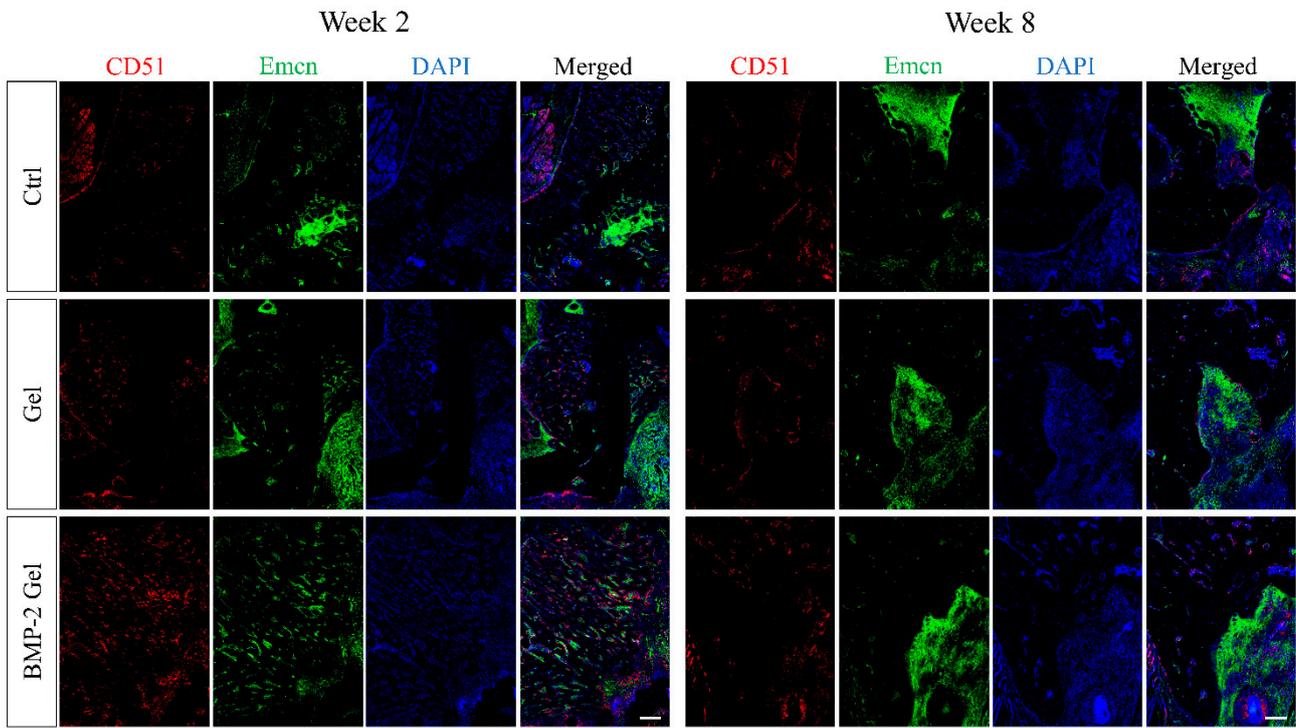


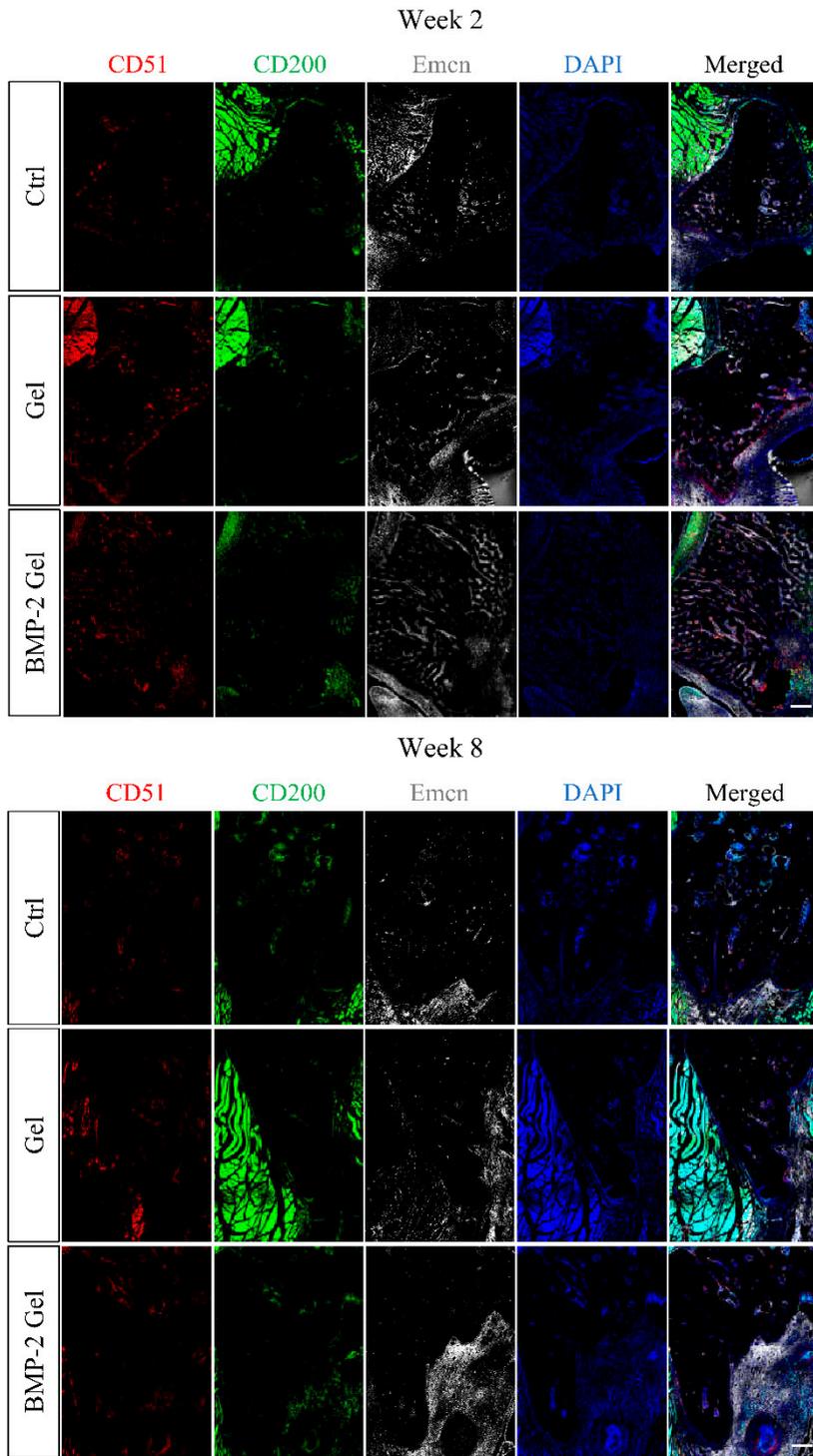
**Supplementary Figure S1** Immunofluorescent staining of type H vessels (CD31+ Emcn+) in the mandibular bone. Scale bar, 250  $\mu$ m.



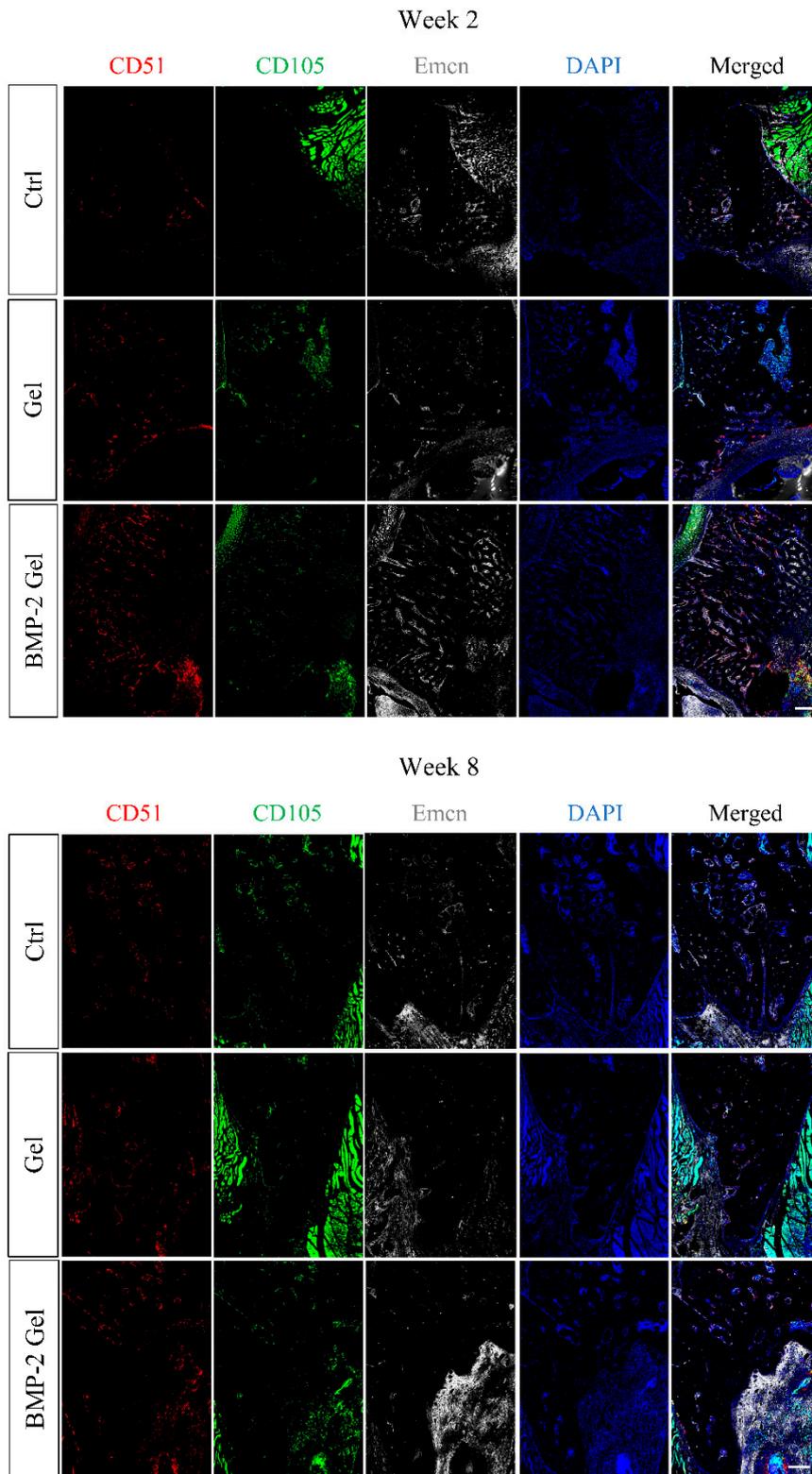
**Supplementary Figure S2** Immunofluorescent staining of Osx+ osteoprogenitor cells and Emcn+ vessels in the mandibular bone. Scale bar, 250  $\mu$ m.



**Supplementary Figure S3** Immunofluorescent staining of CD51+ cells and Emcn+ vessels in the mandibular bone. Scale bar, 250  $\mu$ m.



**Supplementary Figure S4** Immunofluorescent staining of CD51+ CD200+ SSCs and Emcn+ vessels in the new bone. Scale bar, 250  $\mu$ m.



**Supplementary Figure S5** Immunofluorescent staining of CD51+ CD105+ SSCs and Emcn+ vessels in the new bone. Scale bar, 250  $\mu$ m.

**Supplementary Table S1** Information of antibodies used in this study

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<b>Antibodies</b>		
CD31	R&D system, af3628	1:150
Endomucin (Emcn)	Santa Cruz, sc65495	1:150
CD51	ThermoFisher, MA5-32195	1:200
CD200	Abcam, ab34087	1:100
CD105	Abcam, ab252345	1:200
Osterix (Osx)	Abcam, ab22552	1:200
Anti-goat Alexa Fluor 546	ThermoFisher, A11056	1:400
Anti-rat Alexa Fluor 488	ThermoFisher, A21208	1:400
Anti-rabbit Alexa Fluor 647	Abcam, ab150155	1:400

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