Supplementary Figure 1. User Steps to Operate Neurite Outgrowth Macro.
Supplementary Figure 2. GAG Distributions in Central Cornea at Early Stages of Cornea Innervation.
Distribution of sulfated GAGs in central corneas within confocal stack projections following staining with monoclonal antibodies CS-56 for CS-A/C at E9 (A) and E10 (E), 7D4 for CS/DS at E9 (B) and E10 (F), I22 for KS at E9 (C) and E10 (G) and 5D4 also for KS at E9 (D) and E10 (H), detected with Alexa Fluor 488-, or FITC-labeled secondary antibodies (green). Cell nuclei are stained blue with DAPI.
Supplementary Figure 3. CS-56 Immunoreactivity of CS-A spots Immobilized to PDL substrate. (A-C) Decreasing concentrations of CS-A, spotted onto PDL, is visualized by varying levels of immunoreactivity with the monoclonal antibody CS-56. (D-E) Treatment with enzyme chABC, but not the vehicle solution ammonium acetate, cleaves sulfated CS chains resulting in decreased CS-56 immunoreactivity.