Supplementary Figure 1. Enhanced immunoreactivity using an amplification reagent.
Serial sections (4 μm) of normal conjunctiva consisting of remnant graft tissue harvested from a patient undergoing pterygium resection was incubated with an MMP-1 specific antibody (A and B). One section was exposed to a goat anti-mouse secondary antibody (Dako Cytomation, 1:200 dilution) directly conjugated to HRP (A), while an adjacent section was incubated with a goat anti-mouse secondary antibody (Dako Cytomation, 1:200 dilution) conjugated to biotin and antigenicity enhanced with a tertiary reagent (B, strepavidin<sup>HRP</sup>; see Materials and Methods). Note, the red arrows in (A) identify minimal-to-no reactivity in the basal conjunctival epithelium, whereas the blue arrows in (B) denote enhanced MMP-1 expression in the basal and suprabasal epithelium. Original magnification x1000. The graph in panel (C) demonstrates that immunohistochemical amplification was required to detect MMP-1 in five additional normal conjunctival specimens.