

Figure 4. Activity of IL-1 β and CCL2 demonstrate different saturation points of biological response in adolescents and adults. GCF was collected from distolabial gingival crevice of maxillary canines one day after activation of canine retraction. Mean concentrations of IL-1 β (A) and CCL2 (B) in both age groups were evaluated by protein arrays. Each experiment was repeated 3 times, and the data was expressed as the mean \pm standard deviation concentration in picograms per microliter (pg/ μ L) (#, significantly different from 50-cN group within the same age group; +, significantly different from 100-cN group within the same age group; *, significantly different between adolescents and adults who received the same force magnitude).

