

Supplementary Materials

NIH/3T3 Fibroblasts Selectively Activate T Cells Specific for Posttranslationally Modified Collagen Type II

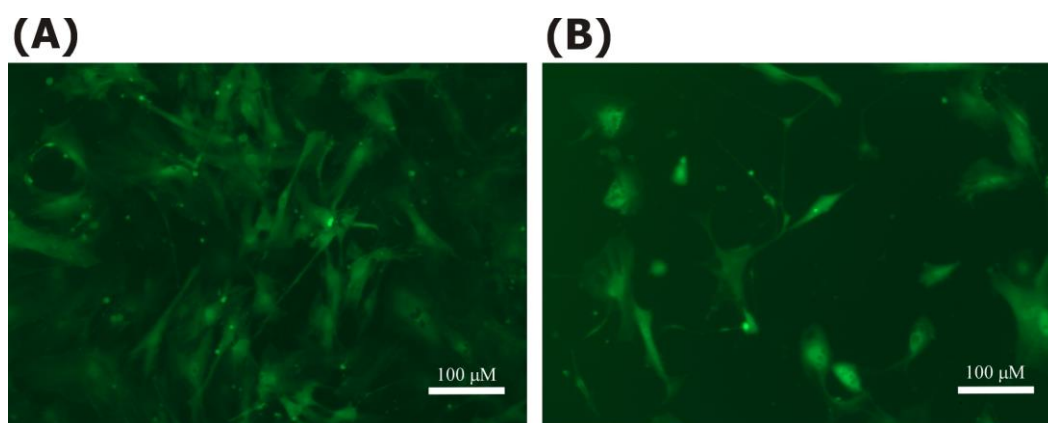
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Figure S1. Expression of the Aq molecule on QB dermal fibroblasts (A) and QB synovial fibroblasts (B). After adhesion for 24 hours, the cells were stained with biotin labeled anti-mouse Aq (clone KH116) and FITC Streptavidin for 15 minutes at 37°C in dark. Photomicrographs show fluorescence from the respective area. Bar 100 μm.

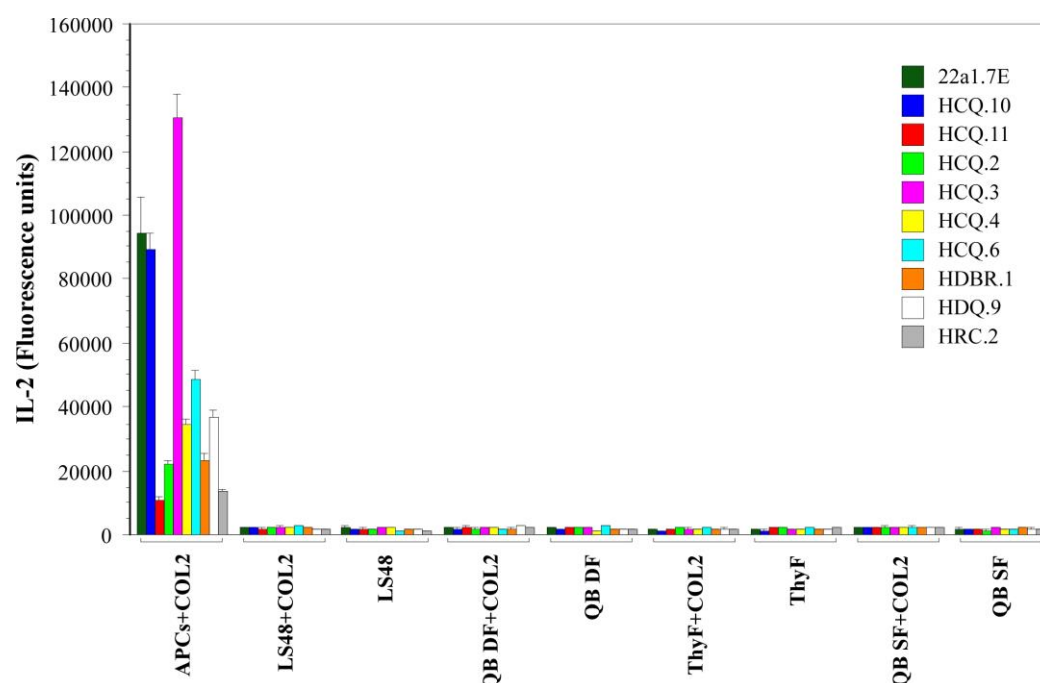


Figure S2. Antigen-presenting capacity of different types of fibroblasts. Antigen-presentation ability of LS48, synovial, dermal and thymic fibroblasts was evaluated by measuring IL-2 levels in culture medium following 24 h co-culture of fibroblasts with COL2-specific T-cell hybridomas and 50 μg/mL COL2. The mean of triplicate measurements for each sample is shown.