

Supporting Materials

List of Tables

Table S1: Particle Probe AFM experimental parameters.

Parameter	Value
Loading force	~12nN
Contact time	50 s
Approach speed	1Hz
z scan size	1 μ m

Table S2: Maximum adhesion force (in nN) from a 5 x 2 array force curves for both untreated and treated glass substrates. The average value and the standard deviations are shown at the bottom.

Test No.	Glass Substrate	Treated glass substrate
1	46.859	3.57
2	48.42	7.64
3	47.7011	6.42
4	48.2923	8.36
5	47.6488	7.379
6	49.2054	9.7
7	48.3334	7.87
8	49.92	8.605
9	46.8784	7.47
10	47.2717	8.65
Average	48.05301	7.5664

Std Dev	0.9374036	1.57678078
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Supporting Figures

Figure S1: Phase contrast images of fibronectin (FN) patterns on 47 kPa PA gel show complete protein transfer. The polymerization of PA gel is performed at 37°C and hydrophilic intermediate glass slide is used. The scale bar is 50 μm.

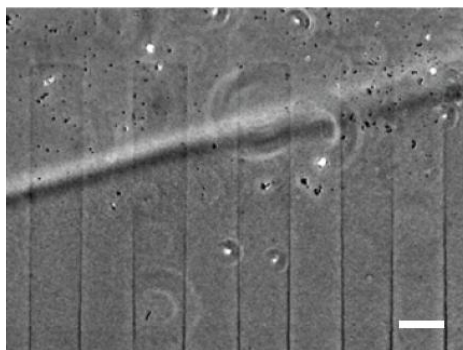


Figure S2: Alpha-profilemeter shows profile of the part of FN/gel remained with glass slide after the peeling process.

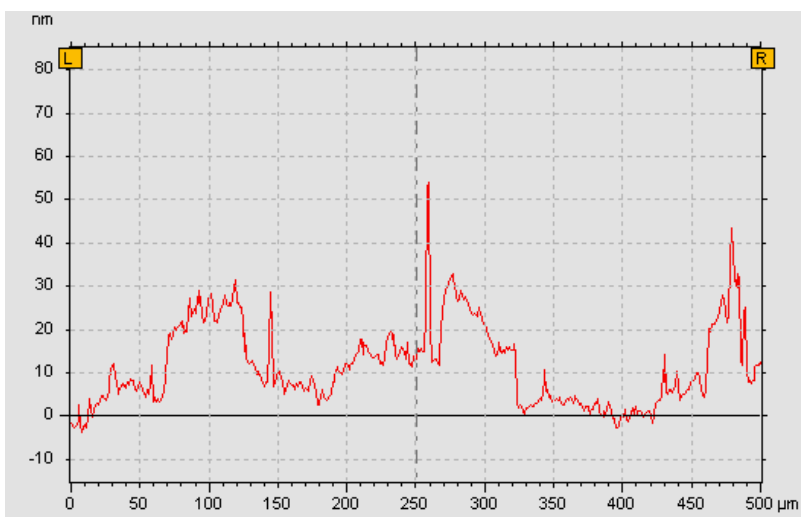


Figure S3: Phase contrast images of fibronectin (FN) patterns on 20 kPa PA gel show incomplete protein transfer at the center. The polymerization of PA gel is performed at 37°C by using the unmodified intermediate glass slide (as-received). The scale bars are 100 μm.

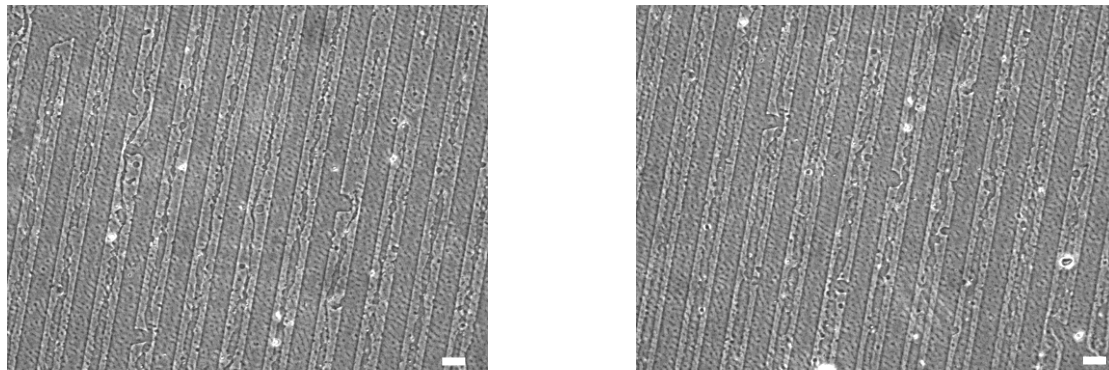


Figure S4: Phase contrast images of fibronectin (FN) patterns on PA gel show incomplete protein transfer at the center. The hydrophilic intermediate glass slide is used but the polymerization of the PA gel is performed at room temperature 24°C. The scale bars are 100 μm.

