Table S1. Clinical characteristics of the CLL patients used in this study

Characteristic	No. of Patients (total: 38)	%
Age, years		
median	60	
range	42-78	
male	29	76
Rai stage		
0	8	21
1	7	18
2	5	13
3	7	18
4	11	29
Therapy		
treated	11	29
untreated	27	71
ZAP-70		
<20%	22	58
>=20%	14	37
IGHV unmutated	16	42
CD38		
<30%	29	76
>=30%	9	24
FISH		
Del13q14.2	19	50
normal	4	11
Trisomy 12	6	16
Del 11q22.3	4	11
Del 17p13.1	2	5

Table S2. Fluorescent reading of migration experiments

	AIM-V	CLL CM	(+) ctrl	(−) ctrl	AIM-V/ (+) ctrl	CLL CM/ (+) ctrl
1	1928	2152	3459	870	55.73865	62.21451
2	1340	1475	1946	875	68.8592	75.79651
3	1679	1856	2957	880	56.78052	62.76632
4	1614	1924	3141	878	51.38491	61.25438
5	1837	1977	2576	736	71.31211	76.74689
6	1896	2245	2814	716	67.3774	79.77967
7	2161	2264	3578	726	60.39687	63.27557
8	1655	1759	2734	696	60.53402	64.33797
9	2038	2149	2945	750	69.20204	72.97114
10	2492	2858	4208	897	59.2135	67.92206
11	2330	2690	4111	839	56.67031	65.4384
12	2339	2666	3748	907	62.41996	71.13127
13	2201	3281	4451	843	49.45524	73.70549
14	2268	2912	3878	949	58.47622	75.09346
15	1713	1983	2430	950	70.4999	81.60872
16	3083	4115	4332	1166	71.17959	94.99077

The fluorescent reading of the migration experiments were shown in this table. Calcein labeled MSC was tested the capability to migrate to either AIM-V, CLL CM or αMEM containing 10% FBS. (+) ctrl: same number of MSC was seeded in a separate well to be used as positive control. (−) ctrl: aim-v medium alone without cells was used as negative control. In some experiments, MSC cells were tested for their migration capacity to αMEM containing 10% FBS as additional positive control.

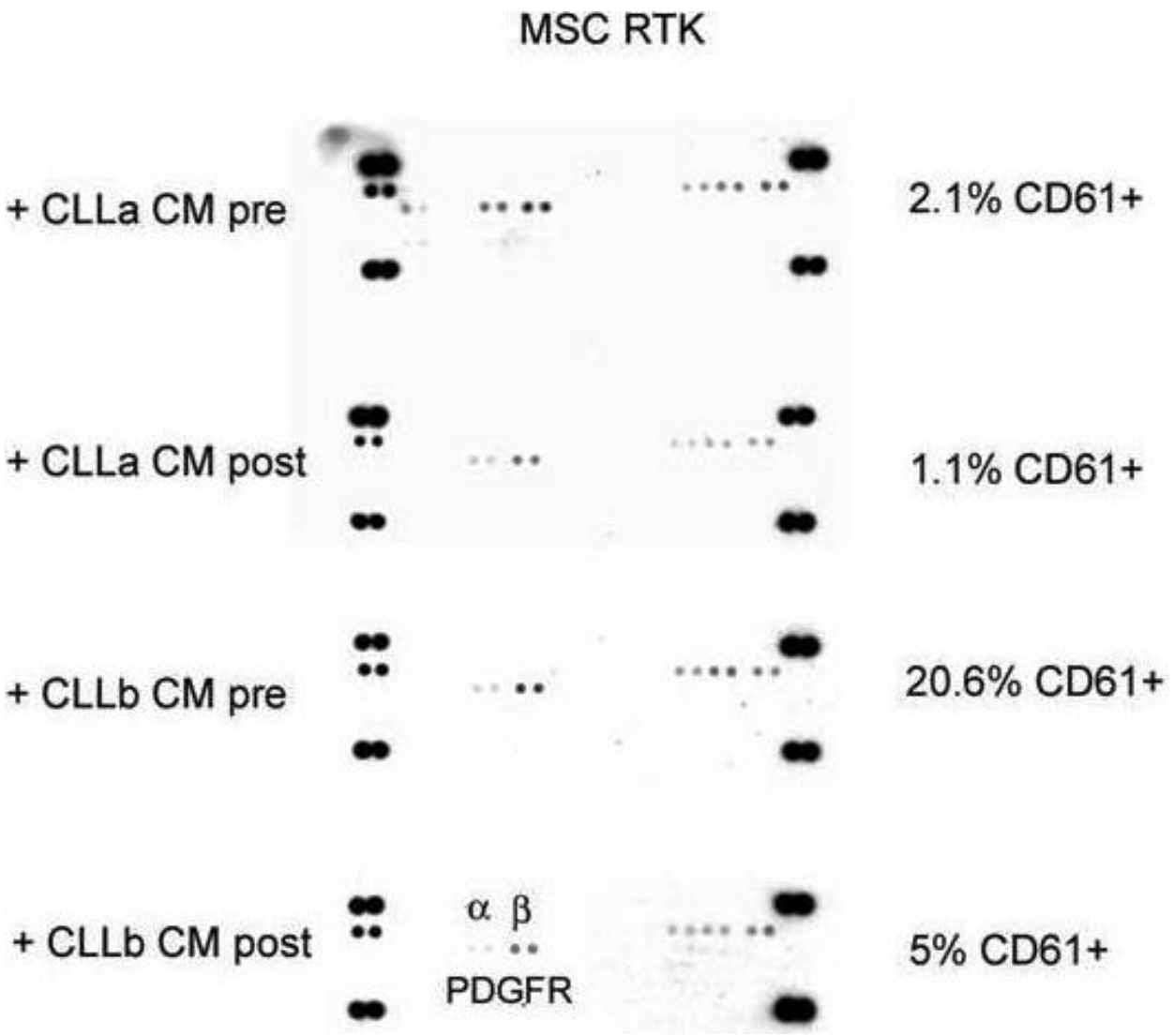

Figure S1. CLL MSC demonstrated selective PDGFR activation when they were exposed to the CLL CM with (CM post) or without platelet depletion (CM pre)
CLL CM were generated from two different CLL PBMCs with or without platelet depletion. The CD61 percentage was shown at the right side of the figure in each condition. The intensity of PDGFR activation does not appear to directly correlate with the percentage of CD61 expression in the CLL CM.

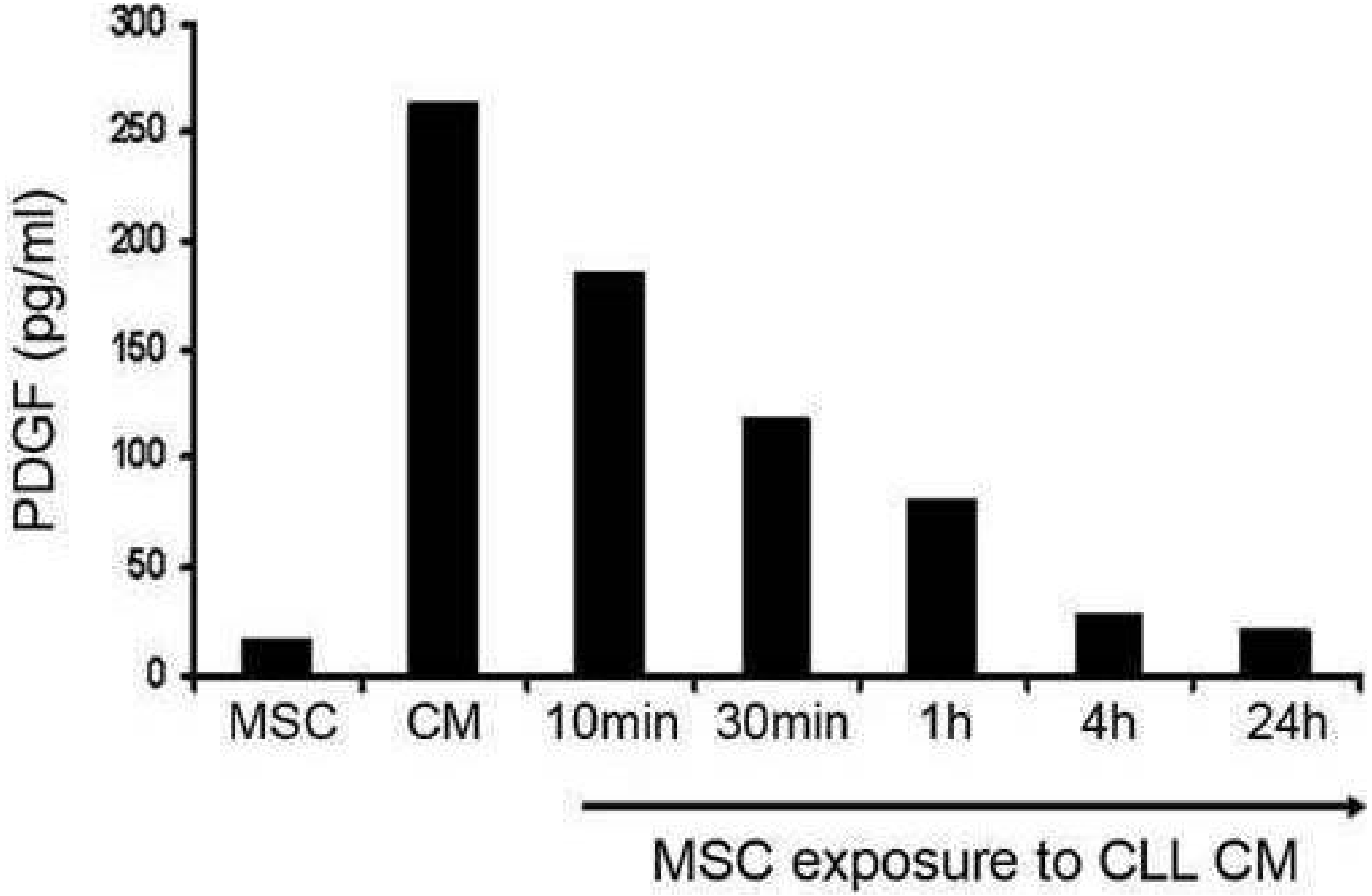

Figure S2. CLL MSC in culture alone produces minimal amount of PDGF and utilizes PDGF produced in CLL-CM in a time dependent manner

CLL-CM was added to the same MSC for 24 h. The culture supernatant was collected at different time points as indicated during the culture. PDGF level was tested by ELISA methods using the collected culture supernatant. The bar graph shown is one example of two individual experiments.