A role for alpha 11 beta 1 integrin in the human periodontal ligament


Published in:
Journal of Dental Research

DOI:
10.1177/0022034509339291

Citation for published version (APA):

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Figure 1
Figure 2

A

B

C

hGF1

hPDLF1

β-actin

α1

α2

α10

α11

hGF1

hPDLF1
Figure 4

A

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<thead>
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<th>patient 2</th>
<th>patient 3</th>
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<tbody>
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<th>α10</th>
<th>α11</th>
<th>S26</th>
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B

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<td>β-actin</td>
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Figure S1

<table>
<thead>
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<tr>
<td>hPDLF1</td>
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</tbody>
</table>

α11
β-actin
Figure S2

A

C2C12-α1  C2C12-α2  C2C12-α11
integrin chains
β-actin

B

control

IGF-II

PDGF-BB

% of initial gel area

0% 20% 40% 60% 80% 100%

0 2 4 6 8 10 12 time (h)

% of initial gel area

0% 20% 40% 60% 80% 100%

0 2 4 6 8 10 12 time (h)

% of initial gel area

0% 20% 40% 60% 80% 100%

0 2 4 6 8 10 12 time (h)
Figure S3

A

% of initial gel area

0% 20% 40% 60% 80% 100%

Time (h)

0 2 4 6 8 10 12

control    α11 siRNA    non-targeting siRNA

hGF1

hPDLF1

B

hGF1

control    α11 siRNA    non-targeting siRNA

hPDLF1

control    α11 siRNA    non-targeting siRNA

α11

β-actin

Relative expression

0 0.2 0.4 0.6 0.8 1 1.2 1.4

control    α11 siRNA    non-targeting siRNA

control    α11 siRNA    non-targeting siRNA
Figure S4

ITGA11 forward primer: CCCAGGTGGCAGAGCGGC

ITGA11 reverse primer: GCCATG

SBS1: CGCCCTCCCTCGCTCGAGCCCTCCCAC

SBS2: CGCCTCGAG

EBS: -176 TCTGAATGAGGCGCAGCTGTCAAG

ITGA11

GGAGCCCGGCCCGCGCAGTGAGCTGCAGGCGCCGCGCCGAGGCTGCCG

+1 (TSS)

CTCTGGCTTGCCCCTCGCTCGAGCCCTCCCAC

SBS2

EBS

ITGA11 reverse primer: GACCCAGCCGGCGTGCGCGCG