**A**

HaCaT cells

<table>
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<tr>
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<th>stattic</th>
</tr>
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<td>Everolimus (µM)</td>
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<tr>
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<td>50</td>
</tr>
</tbody>
</table>

![Western blot images of various proteins](attachment:image1)

**B**

Graph showing cell survival (% of control) vs. Everolimus (µM) for different conditions:

- Cont
- U0126
- SB203580
- SP600125

**C**

HaCaT cells

<table>
<thead>
<tr>
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<th>Dst</th>
<th>U</th>
<th>SB</th>
<th>SP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Everolimus (30 µM)</td>
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![Western blot images of various proteins](attachment:image2)

**Key Abbreviations**

- P-Erk: Phosphorylated Extracellular Signal-Regulated Kinase
- P-JNK: Phosphorylated c-Jun N-terminal Kinase
- P-p38: Phosphorylated p38
- P-STAT3 (Tyr705): Phosphorylated STAT3 (Tyrosine 705)
- P-STAT3 (Ser727): Phosphorylated STAT3 (Threonine 727)
- STAT3: Signal transducer and activator of transcription 3
- Erk: Extracellular Signal-Regulated Kinase
- JNK: c-Jun N-terminal Kinase
- p38: p38 protein kinase
- β-actin: β-actin protein

*Note: The asterisk (*) indicates statistical significance.*