CRL-3006™ (JeKo-1)

Biomarkers - Flow cytometry

*CD3 expression: 0%*

*CD5 expression: 48%*

*CD10 expression: 65%*

*CD19 expression: 99%*

*CD20 expression: 99%*

*CD23 expression: 0%*

Cyogenetic analysis - G-banding

Modal chromosome number: 73

This is a hypertriploid human cell line with a modal chromosome number of 73. Most of the examined cells contained the derivative chromosomes described in the chart below. FISH with whole chromosomes 11 and 14 paint probes indicated the presence of a marker:  t(11;14) translocation.

Biomarkers - Flow cytometry

*FMC7 expression: 37%*

ATCC® CRL-3006 chromosome markers

[(based on seed material)]

<table>
<thead>
<tr>
<th>M1</th>
<th>M2</th>
<th>M4</th>
<th>M6</th>
<th>M7</th>
<th>M8</th>
<th>M9</th>
<th>M10</th>
</tr>
</thead>
<tbody>
<tr>
<td>del(1)(p21)</td>
<td>der(1)(p21)(q22)</td>
<td>del(2)(p21)(q11)</td>
<td>add(3)(q27)</td>
<td>del(5)(p15)</td>
<td>del(6)(q21)</td>
<td>del(7)(q36; p12.1)</td>
<td>add(9)(q21)</td>
</tr>
<tr>
<td>del(10)(p22)</td>
<td>add(14)(p11)</td>
<td>der(14)(p11; q32.33)</td>
<td>der(16)(p10)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Cytogenetic analysis - FISH

Green: Whole chromosome paint 11

Red: Whole chromosome paint 14

**ATCC® CRL-3006 chromosome markers**

[(based on seed material)]

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<tr>
<th>Designation</th>
<th>Biomarkers</th>
<th>Cytogenetics</th>
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<tbody>
<tr>
<td>CRL-3006™</td>
<td>CD3</td>
<td>CD5</td>
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