Monoclonal Antibodies: 
Murine Anti-Human C6

For Research Use Only. Not for use in Diagnostic Procedures.

Background
Complement protein, C6 is a single-chain glycoprotein with a molecular weight of 108 kD. The C6 protein is present in serum at a concentration of approximately 60 μg/ml. Upon activation of the Classical, Lectin or Alternative Complement Pathways, C6 binds to C5b and becomes integrated into the Terminal Complement Complex (TCC).

The Terminal Complement Complex (TCC) is the general term for both membrane bound C5b-9 (or Membrane Attack Complex; MAC) and fluid phase SC5b-9. Assessment of the TCC is an excellent marker for qualifying the extent of Terminal Pathway activation in vivo or in vitro. TCC can be deposited on the surface of transformed cells, biomaterials, and a variety of other surfaces.

Specificity
The specificity of the monoclonal antibody for Complement protein, C6 was established by ELISA and radioimmunoassay (RIA). The antibody was also shown to bind isolated SC5b-9 and complement-lysed rabbit erythrocyte ghosts by indirect immunofluorescence.

Applications

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<tr>
<th>EIA</th>
<th>RIA</th>
<th>IHC</th>
<th>WB</th>
<th>FACS</th>
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<tbody>
<tr>
<td>&gt;1:5,000</td>
<td>N/T</td>
<td>N/T</td>
<td>&gt;1:1,000</td>
<td>&gt;1:100</td>
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Species Cross Reactivity: Human, baboon, Cynomolgus macaque, Rhesus macaque.

References
1 On file with Quidel Corporation.

Ordering and Additional Information
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