Monoclonal Antibody RcMab-1 Against IDH1

Antigen Used for Immunization
Full-length IDH1 recombinant proteins expressed in Escherichia coli.

Method of Immunization
WKY/Izm rats were immunized by injecting 170 μg of full-length IDH1 recombinant protein together with Freund’s complete adjuvant into footpad.

Parental Cell Line Used for Fusion
Mouse myeloma Sp2/0.

Selection and Cloning Procedure
The culture supernatants were screened using ELISA for binding to IDH1 recombinant protein.

Heavy and Light Chains of Immunoglobulin
IgG2a, kappa.

Specificity
Western blot analysis showed that RcMab-1 reacted with IDH1, but not with IDH2 proteins.

Specific Antigen Identified
IDH1.

Availability
<table>
<thead>
<tr>
<th>Availability</th>
<th>Tissue culture supernatant</th>
<th>Yes ✓</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ascitic fluid</td>
<td>Yes ✓</td>
<td>No</td>
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<tr>
<td></td>
<td>Hybridoma cells</td>
<td>Yes</td>
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</tbody>
</table>

References

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