Monoclonal Anti-Vaccinia Virus (WR) B5R Protein, Residues 20 to 275 (Ectodomain),
(similar to VMC-7), (produced in vitro)

Catalog No. NR-422

Product Description: Antibody Class: IgG1
Mouse monoclonal antibody to a recombinant form of the B5R envelope glycoprotein [B5R(275t);
residues 20 to 275 comprising the ectodomain, N-terminal histidine tagged]\(^1\) of the Western
Reserve (WR) strain of vaccinia virus was purified from a mouse B cell hybridoma using
ammonium sulfate precipitation and size exclusion chromatography. The mouse B cell hybridoma
was generated by the fusion of SP2/0 myeloma cells with immunized BALB/c splenocytes.

Lot: 3946832

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Manufacturer Date\(^2\): 13APR2005

<table>
<thead>
<tr>
<th>TEST</th>
<th>SPECIFICATIONS</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SDS-PAGE (Coomassie Blue densitometer scan)</td>
<td>Correct MW for heavy and light chains &gt; 90% pure</td>
<td>Correct MW for heavy and light chains (See Figure 1) &gt; 98% pure</td>
</tr>
<tr>
<td>Concentration by Spectrophotometer at OD(_{280})</td>
<td>1.0 mg/mL ± 7%</td>
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</tr>
<tr>
<td>Bioburden Assay</td>
<td>0 colony forming units/mL</td>
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</tr>
<tr>
<td>Bovine IgG Concentration</td>
<td>&lt; 1% of total protein</td>
<td>0.03% of total protein</td>
</tr>
</tbody>
</table>

\(^2\) Note: The manufacturing date indicated on the vial is incorrect.

Date: 14 MAR 2005

Signature: Signature on File
Title: Technical Manager, BEI Authentication

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