**Estrogen Receptor (ER) [1D5]**
Concentrated and Prediluted Monoclonal Antibody
903-054-041919

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Dilution</th>
<th>Diluent</th>
<th>Storage and Stability</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACA 054 A, C</td>
<td>0.1, 1.0 mL, conc.</td>
<td>1:100</td>
<td>Van Gogh Yellow</td>
<td>Store at 2°C to 8°C. The product is stable to the expiration date printed on the label, when stored under these conditions. Do not use after expiration date. Diluted reagents should be used promptly; any remaining reagent should be stored at 2°C to 8°C.</td>
</tr>
<tr>
<td>APA 054 AA</td>
<td>6.0 mL, RTU</td>
<td>Ready-to-use</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>VLMZ 054 G20</td>
<td>20 mL, RTU</td>
<td>Ready-to-use</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

**Intended Use:**
Analyte Specific Reagent. Analytical and performance characteristics are not established.

**Summary & Explanation:**
Estrogen Receptor (ER) [1D5] is a mouse monoclonal antibody directed against human estrogen receptor protein. ER is a 66 kDa protein that mediates the actions of estrogen in estrogen-responsive tissues. It is a member of a large superfamily of nuclear-hormone receptors that function as ligand-activated transcription factors. The ER gene consists of more than 140 kb of genomic DNA divided into 8 exons. These translate into a protein with six functionally discrete domains labeled A through F. ER [1D5] reacts with the amino-terminal domain in the A/B region of ER-alpha. This clone has been established to work in formalin-fixed, paraffin-embedded tissues and has been published in numerous breast cancer research studies.

**Source:** Mouse monoclonal

**Clone:** 1D5

**Isotype:** IgG1/kappa

**Known Applications:**
Immunohistochemistry (formalin-fixed paraffin-embedded tissues)

**Supplied As:**
Buffer with protein carrier and preservative

**References:**