Datasheet: MCA1360D550GA

<table>
<thead>
<tr>
<th>Description</th>
<th>MOUSE ANTI V5-TAG: DyLight®550</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specificity</td>
<td>V5-TAG</td>
</tr>
<tr>
<td>Other names</td>
<td>PK-TAG</td>
</tr>
<tr>
<td>Format</td>
<td>DyLight®550</td>
</tr>
<tr>
<td>Product Type</td>
<td>Monoclonal Antibody</td>
</tr>
<tr>
<td>Clone</td>
<td>SV5-Pk1</td>
</tr>
<tr>
<td>Isotype</td>
<td>IgG2a</td>
</tr>
<tr>
<td>Quantity</td>
<td>0.1 mg</td>
</tr>
</tbody>
</table>

**Product Details**

**Applications**
This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immunofluorescence</td>
<td></td>
<td></td>
<td></td>
<td>1/100 - 1/500</td>
</tr>
</tbody>
</table>

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

**Target Species**
Viral

**Product Form**
Purified IgG conjugated to DyLight®550 - liquid

**Max Ex/Em**

<table>
<thead>
<tr>
<th>Fluorophore</th>
<th>Excitation (nm)</th>
<th>Emission (nm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DyLight®550</td>
<td>562</td>
<td>576</td>
</tr>
</tbody>
</table>

**Preparation**
Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant

**Buffer Solution**
Phosphate buffered saline

**Preservative Stabilisers**
0.09% Sodium Azide (NaN₃)

**Approx. Protein Concentrations**
IgG concentration 1.0 mg/ml

**Immunogen**
Paramyxovirus Simian-Virus 5 (SV5)

**External Database Links**

<table>
<thead>
<tr>
<th>UniProt:</th>
<th>Related reagents</th>
</tr>
</thead>
<tbody>
<tr>
<td>P11207</td>
<td></td>
</tr>
</tbody>
</table>
**Fusion Partners**

Spleen cells from immunised BALB/c mice were fused with cells of the SP2/0 Ag14 myeloma cell line.

**Specificity**

Mouse anti V5-Tag, clone SV5-Pk1 recognizes the sequence, IPNPLLGL, present on the P/V proteins of the paramyxovirus, SV5 (Dunn et al. 1999). Clone SV5-Pk1 is used to detect recombinant proteins, some of which include transmembrane and secreted proteins, that have labelled with tags containing this sequence (Randall et al. 1993 and Zhao et al. 2005).

**References**


Storage

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light.

Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use

Shelf Life

18 months from date of despatch

Acknowledgements

DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

This product is manufactured under an exclusive license from the University of St. Andrews, UK.

Health And Safety Information


Regulatory

For research purposes only