Datasheet: MCA1360G

Description: MOUSE ANTI V5-TAG

Specificity: V5-TAG

Other names: PK-TAG

Format: Purified

Product Type: Monoclonal Antibody

Clone: SV5-Pk1

Isotype: IgG2a

Quantity: 2 mg

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.

<table>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Cytometry</td>
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<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<tr>
<td>ELISA</td>
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<td>1/1000 - 1/5000</td>
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<tr>
<td>Immunoprecipitation</td>
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<tr>
<td>Western Blotting</td>
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<td>1/1000 - 1/5000</td>
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<td>Immunofluorescence</td>
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<tr>
<td>Radioimmunoassays</td>
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</table>

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. 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 - liquid

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 mg/ml

Immunogen: Paramyxovirus Simian-Virus 5 (SV5)

External Database: 

UniProt:
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**

an evolutionary link to Ser/Thr protein phosphatases? BMC Res Notes. 1: 78.

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

Health And Safety Information

Regulatory
For research purposes only

Related Products
## Recommended Secondary Antibodies

<table>
<thead>
<tr>
<th>Antibody</th>
<th>Tag</th>
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</thead>
<tbody>
<tr>
<td>Goat Anti Mouse IgG (STAR77...)</td>
<td>HRP</td>
</tr>
<tr>
<td>Rabbit Anti Mouse IgG (STAR13...)</td>
<td>HRP</td>
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<tr>
<td>Goat Anti Mouse IgG (Fc) (STAR120...)</td>
<td>FITC, HRP</td>
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<tr>
<td>Rabbit Anti Mouse IgG (STAR8...)</td>
<td>DyLight®800</td>
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<tr>
<td>Goat Anti Mouse IgG (STAR76...)</td>
<td>RPE</td>
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<tr>
<td>Rabbit Anti Mouse IgG (STAR12...)</td>
<td>RPE</td>
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<tr>
<td>Goat Anti Mouse IgG IgA IgM (STAR87...)</td>
<td>Alk. Phos., HRP</td>
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<td>FITC</td>
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<tr>
<td>Human Anti Mouse IgG2a (HCA037...)</td>
<td>FITC, HRP</td>
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<tr>
<td>Goat Anti Mouse IgG (STAR70...)</td>
<td>FITC</td>
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</tbody>
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Printed on 06 Jun 2017

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