Product Details

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>
<td></td>
<td></td>
<td></td>
<td>1/10 - 1/50</td>
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<tr>
<td>Immunohistology - Frozen</td>
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<td>(1)</td>
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<tr>
<td>Immunohistology - Paraffin</td>
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<tr>
<td>ELISA</td>
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<td>Immunoprecipitation</td>
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<tr>
<td>Western Blotting</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. 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.

(1) The epitope recognised by this antibody is reported to be sensitive to formaldehyde fixation and tissue processing. Bio-Rad recommends the use of acetone fixation for frozen sections.

Target Species

Human

Species Cross Reactivity

Reacts with: Horse, Cynomolgus monkey, Rhesus Monkey
Based on sequence similarity, is expected to react with: Primate

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for
further information.

<table>
<thead>
<tr>
<th>Product Form</th>
<th>Purified IgG - liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preparation</td>
<td>Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant</td>
</tr>
<tr>
<td>Buffer Solution</td>
<td>Phosphate buffered saline</td>
</tr>
<tr>
<td>Preservative Stabilisers</td>
<td>0.09% Sodium Azide</td>
</tr>
<tr>
<td>Carrier Free</td>
<td>Yes</td>
</tr>
<tr>
<td>Approx. Protein Concentrations</td>
<td>IgG concentration 1.0 mg/ml</td>
</tr>
<tr>
<td>Immunogen</td>
<td>Partially purified cell membrane antigens from fresh leukemia cells</td>
</tr>
</tbody>
</table>

External Database Links
UniProt: P17813 Related reagents
Entrez Gene: 2022 ENG Related reagents

Synonyms END
RRID AB_1100559

Fusion Partners Spleen cells from immunised BALB/c mice were fused with cells of the mouse P3/NS1/1-Ag4-1 myeloma cell line

Specificity Mouse anti Human CD105 antibody, clone SN6 recognizes the human endoglin, also known as CD105. CD105 is a glycoprotein homodimer of ~95 kDa subunits expressed by endothelial cells, activated monocytes and some leukemia cells.

Flow Cytometry Use 10ul of the suggested working dilution to label 10^6 cells in 100ul.

References

Further Reading
**Storage**

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

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

**Guarantee**

12 months from date of despatch

**Health And Safety Information**

Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA1557T 10040

**Regulatory**

For research purposes only

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**Related Products**

**Recommended Secondary Antibodies**

- Rabbit Anti Mouse IgG (STAR12...) **RPE**
- Goat Anti Mouse IgG IgA IgM (STAR87...) **HRP**
- Goat Anti Mouse IgG (STAR76...) **RPE**
- Rabbit Anti Mouse IgG (STAR13...) **HRP**
- Goat Anti Mouse IgG (STAR70...) **FITC**
- Goat Anti Mouse IgG (H/L) (STAR117...) Ak. Phos., DyLight®488, DyLight®550, DyLight®650, DyLight®680, DyLight®800, FITC, HRP

- Rabbit Anti Mouse IgG (STAR9...) **FITC**
- Goat Anti Mouse IgG (STAR77...) **HRP**
- Goat Anti Mouse IgG (Fc) (STAR120...) **FITC, HRP**

**Recommended Negative Controls**

MOUSE IgG1 NEGATIVE CONTROL (MCA928)

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