Datasheet: MCA1967

Description: RAT ANTI MOUSE CD44v6

Specificity: CD44v6

Format: Purified

Product Type: Monoclonal Antibody

Clone: 9A4

Isotype: IgG1

Quantity: 0.1 mg

Product Details

RRID: AB_323213

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>Applications</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></td>
</tr>
<tr>
<td>Immunohistochemistry - Frozen</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Immunohistochemistry - Paraffin (1)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELISA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Immunoprecipitation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Western Blotting</td>
<td></td>
<td></td>
<td></td>
<td></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. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

Target Species: Mouse

Product Form: Purified IgG - liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilisers: 0.09% Sodium Azide

Approx. Protein Concentrations: IgG concentration 0.5mg/ml

Immunogen: GST-CD44v6 fusion protein.

External Database Links

UniProt: P15379

Related reagents
Entrez Gene:

| 12505 | Cd44 | Related reagents |

**Synonyms**

Ly-24

**Fusion Partners**

Spleen cells from immunized female DA rats were fused with cells from the SP/0 myeloma.

**Specificity**

Rat anti Mouse CD44v6, clone 9A4 recognizes an epitope encoded by exon v6 on the variant portion of murine CD44. CD44v6 has been identified along with ICAM-1 as a co-receptor for Met and in mammary epithelia appears to act at the primary Met co-receptor (Di-Cicco et al. 2015).

Rat anti Mouse CD44v6, clone 9A4 has been used successfully for the identification of CD44v6 expressing cells by immunofluorescence (Di-Cicco et al. 2015), western blotting (Lo et al. 2012), Immunohistochemistry (Weilenga et al. 1999) along with ELISA and flow cytometry (Weiss et al. 1997).

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

**Guarantee**
18 months from date of despatch.

**Health And Safety Information**
Material Safety Datasheet documentation #10040 available at:

**Regulatory**
For research purposes only

### Related Products

#### Recommended Secondary Antibodies

- Rabbit Anti Rat IgG (STAR17...) **FITC**
- Goat Anti Rat IgG (STAR69...) **FITC**
- Goat Anti Rat IgG (STAR131...) **Alk. Phos., Biotin**
- Goat Anti Rat IgG (STAR73...) **RPE**
- Rabbit Anti Rat IgG (STAR21...) **HRP**
- Goat Anti Rat IgG (STAR72...) **HRP**
- Rabbit Anti Rat IgG (STAR16...) **DyLight®800**
- Goat Anti Rat IgG (MOUSE ADSORBED) (STAR71...) **DyLight®800**

#### Recommended Useful Reagents

- ANTIGEN RETRIEVAL BUFFER, pH8.0 (BUF025A)
- ANTIGEN RETRIEVAL BUFFER, pH8.0 (BUF025C)