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**

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>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>Immunohistology - Frozen</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Immunohistology - 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](http://www.uniprot.org/uniprot/P15379)

Related reagents

**Entrez Gene:**

Page 1 of 3
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.

**Shelf Life**
18 months from date of despatch.

**Health And Safety Information**

**Regulatory**
For research purposes only

### Related Products

#### Recommended Secondary Antibodies

- Rabbit Anti Rat IgG (STAR16...)
- Goat Anti Rat IgG (STAR73...)
- Rabbit Anti Rat IgG (STAR21...)
- Rabbit Anti Rat IgG (STAR17...)
- Goat Anti Rat IgG (MOUSE ADSORBED) (STAR71...)
- Goat Anti Rat IgG (STAR131...)
- Goat Anti Rat IgG (STAR69...)
- Goat Anti Rat IgG (STAR72...)

**DyLight®800**
- RPE
- HRP
- FITC
- Alk. Phos.
- Biotin
- DyLight®549, DyLight®649, DyLight®800
- DyLight®549, DyLight®649, DyLight®800
- DyLight®549, DyLight®649, DyLight®800
- DyLight®549, DyLight®649, DyLight®800

#### Recommended Negative Controls

- **RAT IgG1 NEGATIVE CONTROL (MCA1211)**

#### Recommended Useful Reagents

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

© 2018 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)