# Integrin alpha-9 beta-1 Antibody (Y9A2)

## General Information

For FACS analysis, use 10ul of the suggested working dilution to label 1x10^6 cells in 100ul.

### Tested Species Reactivity

<table>
<thead>
<tr>
<th>Species</th>
<th>Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human (Hu)</td>
<td></td>
</tr>
<tr>
<td>Porcine (Po)</td>
<td></td>
</tr>
<tr>
<td>Guinea Pig (GP)</td>
<td></td>
</tr>
</tbody>
</table>

### Dilution *

<table>
<thead>
<tr>
<th>Application</th>
<th>Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Cytometry (FACS)</td>
<td>Assay Dependent</td>
</tr>
<tr>
<td>Immunoprecipitation (IP)</td>
<td>Assay Dependent</td>
</tr>
</tbody>
</table>

* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

### Tested Applications

- Flow Cytometry (FACS)
- Immunoprecipitation (IP)

### Form Information

- **Form**: Liquid
- **Concentration**: 1mg/ml
- **Purification**: Protein G
- **Storage Buffer**: PBS, pH 7.4
- **Preservative**: 0.09% sodium azide
- **Storage Conditions**: Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

### Immunogen:

alpha9 integrin transfected lambda cells.

### Catalog Number:

MA1-80920

### Size:

200 µg

### Class:

Monoclonal

### Type:

Antibody

### Clone:

Y9A2

### Host / Isotype:

Mouse / IgG1

### Details

- **Catalog Number**: MA1-80920
- **Size**: 200 µg
- **Class**: Monoclonal
- **Type**: Antibody
- **Clone**: Y9A2
- **Host / Isotype**: Mouse / IgG1
- **Immunogen**: alpha9 integrin transfected lambda cells.

### Product Specific Information

For FACS analysis, use 10ul of the suggested working dilution to label 1x10^6 cells in 100ul.

### General Information

This gene encodes an alpha integrin. Integrins are heterodimeric integral membrane glycoproteins composed of an alpha chain and a beta chain that mediate cell-cell and cell-matrix adhesion. The protein encoded by this gene, when bound to the beta 1 chain, forms an integrin that is a receptor for VCAM1, cytotactin and osteopontin. Expression of this gene has been found to be upregulated in small cell lung cancers.