Datasheet for ABIN514167

**anti-CD24 antibody**

### Overview

<table>
<thead>
<tr>
<th>Quantity</th>
<th>100 μg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target</td>
<td>CD24</td>
</tr>
<tr>
<td>Reactivity</td>
<td>Human</td>
</tr>
<tr>
<td>Host</td>
<td>Mouse</td>
</tr>
<tr>
<td>Clonality</td>
<td>Monoclonal</td>
</tr>
<tr>
<td>Conjugate</td>
<td>This CD24 antibody is un-conjugated</td>
</tr>
<tr>
<td>Application</td>
<td>Western Blotting (WB), ELISA</td>
</tr>
</tbody>
</table>

### Product Details

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Mouse monoclonal antibody raised against a full-length recombinant CD24.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immunogen</td>
<td>CD24 (AAH07674, 1 a.a. ~ 80 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.</td>
</tr>
<tr>
<td>Sequence</td>
<td>MGRAMVARLG LGLLLLALLL PTQIYSSETT TGTTSSNSSQS TSNSGLAPNP TNATTKAAGG ALQSTASLFV VSLSLHLYS</td>
</tr>
<tr>
<td>Clone</td>
<td>1C4</td>
</tr>
<tr>
<td>Isotype</td>
<td>IgG2a kappa</td>
</tr>
<tr>
<td>Cross-Reactivity</td>
<td>Human</td>
</tr>
</tbody>
</table>

### Target Details

<table>
<thead>
<tr>
<th>Target</th>
<th>CD24</th>
</tr>
</thead>
</table>
Target Details

Alternative Name: CD24 (CD24 Products)

Background:
- Full Gene Name:
- Synonyms:

Gene ID: 934

Pathways:
- Regulation of Leukocyte Mediated Immunity,
- Positive Regulation of Immune Effector Process,
- Activated T Cell Proliferation

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Product Quality tested by: Antibody Reactive Against Recombinant Protein.

Restrictions: For Research Use only

Handling

Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images

**ELISA**

**Image 1.** Detection limit for recombinant GST tagged CD24 is 0.3 ng/ml as a capture antibody.
Images

Western Blotting

**Image 2.** Western Blot detection against Immunogen (34.54 KDa).