Datasheet: MCA2814PE

<table>
<thead>
<tr>
<th>Description:</th>
<th>MOUSE ANTI HUMAN CD2:RPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specificity:</td>
<td>CD2</td>
</tr>
<tr>
<td>Other names:</td>
<td>LFA-2</td>
</tr>
<tr>
<td>Format:</td>
<td>RPE</td>
</tr>
<tr>
<td>Product Type:</td>
<td>Monoclonal Antibody</td>
</tr>
<tr>
<td>Clone:</td>
<td>RPA-2.10</td>
</tr>
<tr>
<td>Isotype:</td>
<td>IgG1</td>
</tr>
<tr>
<td>Quantity:</td>
<td>100 TESTS/0.5ml</td>
</tr>
</tbody>
</table>

Product Details

| RRID                             | AB_2228891               |

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>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Neat</td>
</tr>
</tbody>
</table>

Flow Cytometry

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.

Target Species

Human

Species Cross Reactivity

Reacts with: Macaque, Cynomolgus monkey, Rhesus Monkey, Pig, Baboon, Chimpanzee

N.B. Antibody reactivity and working conditions may vary between species.

Product Form

Purified IgG conjugated to RPE - liquid

Max Ex/Em

<table>
<thead>
<tr>
<th>Fluorophore</th>
<th>Excitation Max (nm)</th>
<th>Emission Max (nm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPE 488nm laser</td>
<td>496</td>
<td>578</td>
</tr>
</tbody>
</table>

Preparation

Purified IgG prepared by affinity chromatography

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide
0.2% Bovine Serum Albumin

External Database Links

UniProt:

P06729  Related reagents
Entrez Gene: 914 CD2 Related reagents

Synonyms SRBC

Specificity Mouse anti Human CD2 antibody, clone RPA-2.10 recognizes the human CD2 cell surface antigen. CD2 is expressed by T lymphocytes and by NK cells.

Flow Cytometry Use 5ul of the suggested working dilution to label 10^6 cells or 100ul whole blood.


Storage Store at +4°C.

DO NOT FREEZE.

This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life Please see label for expiry date.


Regulatory For research purposes only

Related Products

Recommended Negative Controls

MOUSE IgG1 NEGATIVE CONTROL:RPE (MCA928PE)

Recommended Useful Reagents

HUMAN SEROBLOCK (BUF070A)
HUMAN SEROBLOCK (BUF070B)