Datasheet: MCA1209P750

**Description:** MOUSE IgG1 NEGATIVE CONTROL: RPE-Alexa Fluor® 750

**Specificity:** MOUSE IgG1 NEGATIVE CONTROL

**Format:** RPE-ALEXA FLUOR® 750

**Product Type:** Negative/Isotype Control

**Isotype:** IgG1

**Quantity:** 100 TESTS/1ml

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**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](http://www.bio-rad-antibodies.com/protocols).

<table>
<thead>
<tr>
<th>Application</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>
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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 dilutes the antibody for use in their own system to a concentration equivalent to their test antibody.

**Target Species**

Negative Control

**Product Form**

Purified IgG conjugated to R. Phycoerythrin Alexa Fluor®750 - lyophilized

**Reconstitution**

Reconstitute with 1 ml distilled water

**Max Ex/Em**

<table>
<thead>
<tr>
<th>Fluorophore</th>
<th>Excitation (nm)</th>
<th>Emission (nm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE-Alexa Fluor®750 488nm laser</td>
<td>496</td>
<td>779</td>
</tr>
<tr>
<td>PE-Alexa Fluor®750 561nm laser</td>
<td>546</td>
<td>779</td>
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**Preparation**

Purified IgG prepared by ion exchange chromatography.

**Buffer Solution**

Phosphate buffered saline

**Preservative Stabilisers**

- 0.09% Sodium Azide
- 1% Bovine Serum Albumin
- 5% Sucrose

**Immunogen**

Human T lymphocytes.
Fusion Partners
Spleen cells from immunised BALB/c mice were fused with cells of the NS1 mouse myeloma cell line.

Specificity
Mouse IgG1 Negative Control antibody is suitable for use as a negative control to assess non-specific binding of mouse IgG1 antibodies to target cells. Mouse IgG1 Negative Control antibody has been tested and found to be negative on the following rat cell types, peripheral blood leucocytes, thymocytes, splenocytes and macrophages.

Clone F8-11-13 recognises the human CD45RA antigen, and therefore human leucocytes may be used as a positive control for this product. NOT SUITABLE FOR USE AS A NEGATIVE CONTROL ON HUMAN TISSUES

Flow Cytometry
Use 10ul of the suggested working dilution to label $10^6$ cells in 100ul.

References

Storage
Prior to reconstitution store at +4°C. Following reconstitution 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
6 months from date of reconstitution.

Acknowledgements
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Health And Safety Information

Regulatory
For research purposes only
## Related Products

### Recommended Negative Controls

**MOUSE IgG1 NEGATIVE CONTROL: RPE-Alexa Fluor® 750 (MCA928P750)**

<table>
<thead>
<tr>
<th>Region</th>
<th>Contact Details</th>
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</thead>
</table>
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