### Description:
MOUSE IgG1 NEGATIVE CONTROL:Alexa Fluor® 700

### Specificity:
MOUSE IgG1 NEGATIVE CONTROL

### Format:
ALEXA FLUOR® 700

### Product Type:
Negative/Isotype Control

### Isotype:
IgG1

### Quantity:
100 TESTS/1ml

### Product Details

#### 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>Flow Cytometry</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<td>Yes</td>
<td></td>
<td>No</td>
<td>Not Determined</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. *It is recommended that the user dilutes the antibody to a concentration equivalent to their test reagent.

#### Target Species
Negative Control

#### Product Form
Purified IgG conjugated to Alexa Fluor® 700 - liquid

#### Max Ex/Em

<table>
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<tr>
<th>Fluorophore</th>
<th>Excitation (nm)</th>
<th>Emission (nm)</th>
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<tbody>
<tr>
<td>Alexa Fluor®700</td>
<td>702</td>
<td>723</td>
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#### Preparation
Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant

#### Buffer Solution
Phosphate buffered saline

#### Preservative
0.09% Sodium Azide

#### Stabilisers
1% Bovine Serum Albumin

#### Approx. Protein Concentrations
IgG concentration 0.05 mg/ml

#### 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**

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light.

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.

**Acknowledgements**

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**Health And Safety Information**


**Regulatory**

For research purposes only

**Related Products**

**Recommended Negative Controls**

MOUSE IgG1 NEGATIVE CONTROL:Alexa Fluor® 700 (MCA928A700)