### 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.abdserotec.com/protocols](http://www.abdserotec.com/protocols).

<table>
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<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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<td>Neat - 1/10</td>
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</tbody>
</table>

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**

Sheep

**Species Cross Reactivity**

Reacts with: Bovine, Goat

*NB.* Antibody reactivity and working conditions may vary between species.

**Product Form**

Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid

**Preparation**

Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant

**Buffer Solution**

Phosphate buffered saline

**Preservative Stabilisers**

0.09% Sodium Azide

1% Bovine Serum Albumin

**Approx. Protein Concentrations**

IgG concentration 0.1 mg/ml

**Immunogen**

Ovine efferent lymphocytes

**Fusion Partners**

Spleen cells from immunised BALB/c mice were fused with cells of the mouse NS-1 myeloma cell line.

**Specificity**

*Mouse anti Sheep CD8 antibody, clone 38.65* recognizes the ovine CD8 cell surface antigen, which is expressed by the cytotoxic/suppressor subset of T lymphocytes.
Under reducing conditions, the antigens immunoprecipitated by Mouse anti Sheep CD8 antibody, clone 38.65 migrate at 33kDa and 36kD.

**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.

<table>
<thead>
<tr>
<th>Shelf Life</th>
<th>18 months from date of despatch.</th>
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<tbody>
<tr>
<td>Regulatory</td>
<td>For research purposes only</td>
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</table>

**Related Products**

**Recommended Negative Controls**

**MOUSE IgG2a NEGATIVE CONTROL: FITC (MCA929F)**

<table>
<thead>
<tr>
<th>North &amp; South America</th>
<th>Tel: +1 800 265 7376</th>
<th>Tel: +49 (0)1865 852 700</th>
<th>Tel: +49 (0) 89 8090 95 21</th>
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<tr>
<td></td>
<td>Fax: +1 919 878 3751</td>
<td>Fax: +44 (0)1865 852 739</td>
<td>Fax: +49 (0) 89 8090 95 50</td>
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<td></td>
<td>Email: <a href="mailto:abd_sales_us@bio-rad.com">abd_sales_us@bio-rad.com</a></td>
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