**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>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tbody>
<tr>
<td>Flow Cytometry</td>
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<td>Neat - 1/10</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 titrates the antibody for use in their own system using appropriate negative/positive controls.

**Target Species**
Horse

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

**Max Ex/Em**

<table>
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<tr>
<th>Fluorophore</th>
<th>Excitation Max (nm)</th>
<th>Emission Max (nm)</th>
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<tbody>
<tr>
<td>FITC</td>
<td>490</td>
<td>525</td>
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</table>

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

**Buffer Solution**
Phosphate buffered saline.

**Preservative**
0.09% Sodium Azide (Na$_3$)

**Stabilisers**
1% Bovine Serum Albumin

**Approx. Protein Concentrations**
IgG concentration 0.1 mg/ml

**Immunogen**
Equine leucocytes.

**Fusion Partners**
Spleen cells from immunised mice were fused with cells of the X63.Ag 8.653 mouse myeloma cell line.

**Specificity**
Mouse anti Horse MHC Class I Monomorphic antibody, clone CVS22 recognizes monomorphic equine MHC Class I and was classified at the International Equine Leucocyte Antigen Workshop.
MHC class I is expressed by all nucleated cells.

The major histocompatibility complex (MHC) is a cluster of genes that are important in the immune response to infections. In horses, this complex is referred to as the equine leukocyte antigen (ELA) region.

Flow Cytometry
Use 10ul of the suggested working dilution to label 10⁶ cells in 100ul.

References

Storage
Store at +4°C for one month or at -20°C for longer.

This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee
18 months from date of despatch.

Health And Safety Information

Regulatory
For research purposes only