Product Details

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>Applications</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>
<td></td>
<td></td>
<td>1/50 - 1/100</td>
</tr>
<tr>
<td>Immunohistology - Frozen (1)</td>
<td></td>
<td>-</td>
<td></td>
<td></td>
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<tr>
<td>Immunohistology - Paraffin</td>
<td></td>
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<tr>
<td>ELISA</td>
<td></td>
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<tr>
<td>Immunoprecipitation</td>
<td></td>
<td>-</td>
<td></td>
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<tr>
<td>Western Blotting</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Immunofluorescence</td>
<td></td>
<td>-</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.

(1) The epitope recognised by this antibody is reported to be sensitive to formaldehyde fixation and tissue processing. Bio-Rad recommends the use of acetone fixation for frozen sections.

Target Species

Human

Species Cross Reactivity

Reacts with: Macaque, Bovine, Cynomolgus monkey, Baboon, Rhesus Monkey, Chimpanzee, Gorilla, Shrew

Does not react with: Goat, Dog, Guinea Pig, Rabbit, Mouse, Chicken, Amphibia

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or
personal communications from the originators. Please refer to references indicated for further information.

<table>
<thead>
<tr>
<th><strong>Product Form</strong></th>
<th>Purified IgG - liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Preparation</strong></td>
<td>Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant</td>
</tr>
<tr>
<td><strong>Buffer Solution</strong></td>
<td>Phosphate buffered saline</td>
</tr>
<tr>
<td><strong>Preservative Stabilisers</strong></td>
<td>0.09% Sodium Azide</td>
</tr>
<tr>
<td><strong>Carrier Free</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Approx. Protein Concentrations</strong></td>
<td>IgG concentration 1.0 mg/ml</td>
</tr>
<tr>
<td><strong>Immunogen</strong></td>
<td>Purified human tonsil lymphocyte membranes.</td>
</tr>
<tr>
<td><strong>RRID</strong></td>
<td>AB_322094</td>
</tr>
<tr>
<td><strong>Fusion Partners</strong></td>
<td>Spleen cells from immunized BALB/c mice were fused with cells of the mouse NS1/1-Ag4.1 myeloma cell line.</td>
</tr>
</tbody>
</table>

**Specificity**

**Mouse anti Human HLA ABC antibody, clone W6/32** recognizes an antigenic determinant shared among products of the HLA A, B and C loci. Clone W6/32 recognizes a conformational epitope, reacting with HLA class I alpha3 and alpha2 domains. The major histocompatibility complex (MHC) is a cluster of genes that are important in the immune response to infections. In humans, this complex is referred to as the human leukocyte antigen (HLA) region. There are 3 major MHC class I proteins encoded by the HLA which are HLA A, HLA B and HLA C. These proteins are found on the surface of almost all nucleated somatic cells.

Mouse anti Human HLA ABC antibody, clone W6/32 is routinely tested in flow cytometry on human peripheral blood lymphocytes.

**Flow Cytometry**

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

<table>
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<tr>
<th><strong>Histology Positive Control Tissue</strong></th>
<th>Tonsil</th>
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</table>

**References**


**Storage**

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.
Related Products

**Recommended Secondary Antibodies**

- **Rabbit Anti Mouse IgG (STAR12...)**  RPE
- **Goat Anti Mouse IgG IgA IgM (STAR87...)**  HRP
- **Goat Anti Mouse IgG (STAR76...)**  RPE
- **Rabbit Anti Mouse IgG (STAR13...)**  HRP
- **Goat Anti Mouse IgG (STAR70...)**  FITC
- **Goat Anti Mouse IgG (H/L) (STAR117...)**  Alk. Phos., DyLight®488, DyLight®650, DyLight®680, DyLight®800, FITC, HRP
- **Rabbit Anti Mouse IgG (STAR9...)**  FITC
- **Goat Anti Mouse IgG (STAR77...)**  HRP
- **Goat Anti Mouse IgG (Fc) (STAR120...)**  FITC, HRP

**Recommended Negative Controls**

- **MOUSE IgG2a NEGATIVE CONTROL (MCA929)**

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**Guarantee**

12 months from date of despatch

**Health And Safety Information**


**Regulatory**

For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

"M416156:230207"

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