**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>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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</thead>
<tbody>
<tr>
<td>Flow Cytometry</td>
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<td></td>
<td></td>
<td>1/50 - 1/100</td>
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<tr>
<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<tr>
<td>Immunoprecipitation</td>
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<tr>
<td>Western Blotting</td>
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<tr>
<td>Immunofluorescence</td>
<td>□</td>
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</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.
Product Form  | Purified IgG - liquid
---|---
Preparation  | Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
Buffer Solution  | Phosphate buffered saline
Preservative Stabilisers  | 0.09% Sodium Azide
Carrier Free  | Yes
Approx. Protein Concentrations  | IgG concentration 1.0 mg/ml
Immunogen  | Purified human tonsil lymphocyte membranes.
RRID  | AB_322094
Fusion Partners  | Spleen cells from immunized BALB/c mice were fused with cells of the mouse NS1/1-Ag4.1 myeloma cell line.
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
Histology Positive Control Tissue  | Tonsil


**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.

**Guarantee**

12 months from date of despatch

**Health And Safety**

Material Safety Datasheet documentation #10040 available at:
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®550, 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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