### 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](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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<tbody>
<tr>
<td>Flow Cytometry</td>
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<td>10ug/ml</td>
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<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>Immunoprecipitation</td>
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<td>Western Blotting</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

Human

### Product Form

Purified IgG - 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

### Approx. Protein Concentrations

IgG concentration 1.0 mg/ml

### Immunogen

Papain solubilised HLA-A2

### External Database Links

**UniProt:**
- [P01892](http://www.uniprot.org/uniprot/P01892)

**Related reagents**
Entrez Gene: 3105  HLA-A  Related reagents

Synonyms  HLAA

Fusion Partners  Spleen cells from immunised BALB/c mice were fused with cells of the mouse NS1 myeloma cell line

Specificity  **Mouse anti Human HLA A2 antibody, clone BB7.2** recognizes the human HLA-A2 histocompatibility antigen. The epitope recognized by this antibody has been studied extensively and would appear to include the carboxy-terminus of the alpha-2 helix and a turn on one of the underlying beta strands.

Mouse anti Human HLA A2 antibody, clone BB7.2 may be used for the flow cytomeric detection of HLA-A2 expression and has also been used for immunoaffinity purification of HLA-A2 molecules. Functionally Mouse anti Human HLA A2 antibody, clone BB7.2 is reported to inhibit MHC restricted cellular cytotoxicity.

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

Histology Positive Control Tissue  Tonsil

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. 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.

**Health And Safety Information**

Material Safety Datasheet documentation available at:

Material Safety Datasheet Documentation #10040 available at:


**Regulatory**

For research purposes only

**Related Products**

**Recommended Secondary Antibodies**

Goat Anti Mouse IgG (STAR76...)

Goat Anti Mouse IgG IgA IgM (STAR87...)

Goat Anti Mouse IgG (H/L) (STAR117...)

Rabbit Anti Mouse IgG (STAR9...)

Goat Anti Mouse IgG (STAR77...)

Rabbit Anti Mouse IgG (STAR12...)

Goat Anti Mouse IgG (Fc) (STAR120...)

Rabbit Anti Mouse IgG (STAR8...)

Goat Anti Mouse IgG (STAR70...)

Human Anti Mouse IgG2b (HCA038...)

Rabbit Anti Mouse IgG (STAR13...)

RPE

Alk. Phos., HRP

Alk. Phos., DyLight®488, DyLight®549, DyLight®649, DyLight®680, DyLight®800, FITC, HRP

FITC

HRP

RPE

FITC, HRP

FITC

FITC

HRP

**Recommended Negative Controls**

MOUSE IgG2b NEGATIVE CONTROL (MCA691)