Datasheet: MCA2090
BATCH NUMBER 1705

Product Details

Description: MOUSE ANTI HUMAN HLA A2
Specificity: HLA A2
Format: Purified
Product Type: Monoclonal Antibody
Clone: BB7.2
Isotype: IgG2b
Quantity: 0.2 mg

Applications

<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>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

Carrier Free

Yes
Approx. Protein Concentrations

IgG concentration 1.0 mg/ml

Immunogen

Papain solubilised HLA-A2

External Database Links

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

Histology Positive Control Tissue

Tonsil

References


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**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.

**Guarantee**

18 months from date of despatch.

**Health And Safety Information**


**Regulatory**

For research purposes only

**Related Products**

**Recommended Secondary Antibodies**
Goat Anti Mouse IgG (STAR77...)  
Rabbit Anti Mouse IgG (STAR12...)  
Goat Anti Mouse IgG IgA IgM (STAR87...)  
Goat Anti Mouse IgG (STAR76...)  
Goat Anti Mouse IgG (Fc) (STAR120...)  
Rabbit Anti Mouse IgG (STAR13...)  
Goat Anti Mouse IgG (STAR70...)  
Goat Anti Mouse IgG (H/L) (STAR117...)  

**Recommended Negative Controls**

MOUSE IgG2b NEGATIVE CONTROL (MCA691)

North & South America  
Tel: +1 800 265 7376  
Fax: +1 919 878 3751  
Email: antibody_sales_us@bio-rad.com

Worldwide  
Tel: +44 (0)1865 852 700  
Fax: +44 (0)1865 852 739  
Email: antibody_sales_uk@bio-rad.com

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