Datasheet: MCA2090

**Description:** MOUSE ANTI HUMAN HLA A2

**Specificity:** HLA A2

**Format:** Purified

**Product Type:** Monoclonal Antibody

**Clone:** BB7.2

**Isotype:** IgG2b

**Quantity:** 0.2 mg

### Product Details

**RRID** AB_324652

**Applications**

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<tr>
<th>Technique</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<td>Flow Cytometry</td>
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<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</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 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**

Papain solubilised HLA-A2
Spleen cells from immunised BALB/c mice were fused with cells of the mouse NS1 myeloma cell line. 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 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 #10040 available at:

Regulatory
For research purposes only

Related Products

**Recommended Secondary Antibodies**

Goat Anti Mouse IgG IgA IgM (STAR87...)
Goat Anti Mouse IgG (STAR77...)
Goat Anti Mouse IgG (STAR12...)
Rabbit Anti Mouse IgG (STAR8...)
Rabbit Anti Mouse IgG (STAR13...)
Goat Anti Mouse IgG (STAR76...)
Goat Anti Mouse IgG (STAR70...)
Goat Anti Mouse IgG (Fc) (STAR120...)
Rabbit Anti Mouse IgG (STAR9...)
Human Anti Mouse IgG2b (HCA038...)
Goat Anti Mouse IgG (H/L) (STAR117...)

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

**Recommended Negative Controls**

MOUSE IgG2b NEGATIVE CONTROL (MCA691)