Datasheet: MCA1821GA
BATCH NUMBER 0312R

**Product Details**

**Description:** HAMSTER ANTI MOUSE CD79b

**Specificity:** CD79b

**Other names:** B29

**Format:** Purified

**Product Type:** Monoclonal Antibody

**Clone:** HM79-11

**Isotype:** IgG

**Quantity:** 0.1 mg

**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>
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<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>1/50 - 1/200</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**

Mouse

**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 mg/ml

Immunogen

CD79 alpha/CD79 beta heterodimer purified from WEHI-231 B cells.

External Database Links

UniProt:  P15530  Related reagents

Entrez Gene:  15985  Cd79b  Related reagents

Synonyms

Igb

RRID

AB_324664

Fusion Partners

Lymph node cells from immunised Armenian hamsters were fused with cells of the mouse X63-Ag8.653 myeloma cell line.

Specificity

Hamster anti Mouse CD79b antibody, clone HM79-11 recognizes murine CD79 beta, expressed by B cells as part of the B cell receptor complex (immunoglobulin and the CD79 alpha/beta heterodimer).

Murine CD79 beta is expressed at the cell surface of pro-B cells prior to surface immunoglobulin, and is expressed throughout B cell differentiation.

CD79 beta is a B cell specific marker, valuable for the detection of B cells at all maturation stages.

Flow Cytometry

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

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.

Guarantee
12 months from date of despatch

Health And Safety Information
Material Safety Datasheet documentation #10040 available at:
https://www.bio-rad-antibodies.com/SDS/MCA1821GA
10040

Regulatory
For research purposes only

Related Products

Recommended Secondary Antibodies
Goat Anti Hamster IgG (STAR104...) DyLight®550, DyLight®650, DyLight®800, FITC
Goat Anti Hamster IgG (STAR79...) Biotin, FITC, HRP

Recommended Negative Controls
HAMSTER (ARMENIAN) IgG NEGATIVE CONTROL (MCA2356)

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