### 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).

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<tr>
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<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 product 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 product 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 (NaN₃)
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 immunized 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 10μl of the suggested working dilution to label 10^6 cells or 100μl whole blood

References:


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.

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<tr>
<th>Guarantee</th>
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<td>Health And Safety Information</td>
<td>Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/MCA1821GA">https://www.bio-rad-antibodies.com/SDS/MCA1821GA</a> 10040</td>
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<td>Regulatory</td>
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**Recommended 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)

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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