

# Datasheet: MCA808PB

**BATCH NUMBER 173660**

|                      |                                      |
|----------------------|--------------------------------------|
| <b>Description:</b>  | MOUSE ANTI RABBIT CD45:Pacific Blue® |
| <b>Specificity:</b>  | CD45                                 |
| <b>Other names:</b>  | LCA                                  |
| <b>Format:</b>       | Pacific Blue®                        |
| <b>Product Type:</b> | Monoclonal Antibody                  |
| <b>Clone:</b>        | L12/201                              |
| <b>Isotype:</b>      | IgG1                                 |
| <b>Quantity:</b>     | 100 TESTS/1ml                        |

## Product Details

### 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).

|                | Yes | No | Not Determined | Suggested Dilution |
|----------------|-----|----|----------------|--------------------|
| Flow Cytometry | ▪   |    |                | Neat - 1/10        |

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.

|                        |                                                                                               |                            |                          |
|------------------------|-----------------------------------------------------------------------------------------------|----------------------------|--------------------------|
| <b>Target Species</b>  | Rabbit                                                                                        |                            |                          |
| <b>Product Form</b>    | Purified IgG conjugated to Pacific Blue® - liquid                                             |                            |                          |
| <b>Max Ex/Em</b>       | <b>Fluorophore</b>                                                                            | <b>Excitation Max (nm)</b> | <b>Emission Max (nm)</b> |
|                        | Pacific Blue®                                                                                 | 410                        | 455                      |
| <b>Preparation</b>     | Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant |                            |                          |
| <b>Buffer Solution</b> | Phosphate buffered saline                                                                     |                            |                          |
| <b>Preservative</b>    | 0.09% Sodium Azide (NaN <sub>3</sub> )                                                        |                            |                          |
| <b>Stabilisers</b>     | 1% Bovine Serum Albumin                                                                       |                            |                          |
| <b>Approx. Protein</b> | IgG concentration 0.05 mg/ml                                                                  |                            |                          |

## Concentrations

**Immunogen** Glycoproteins isolated from the T cell line, RL-5.

**Fusion Partners** Spleen cells from immunised mice were fused with cells of the P3.X63.Ag8-U1 mouse myeloma cell line.

**Specificity** **Mouse anti Rabbit CD45 antibody, clone L12/201** recognizes the CD45 antigen, also known as leukocyte common antigen (LCA) or T200. Mouse anti Rabbit CD45 antibody, clone L12/201 shows pan leucocyte reactivity by flow cytometry and immunohistochemistry.

Immunoprecipitation was achieved by cross linking antibody to the labelled cell surface yielding a protein migrating by gel electrophoresis at a molecular mass of ~200 kDa.

**Flow Cytometry** Use 10ul of the suggested working dilution to label  $1 \times 10^6$  cells in 100ul

## References

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**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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**Guarantee**

12 months from date of despatch

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| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10041 available at:<br><a href="https://www.bio-rad-antibodies.com/SDS/MCA808PB">https://www.bio-rad-antibodies.com/SDS/MCA808PB</a> |
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|-------------------|----------------------------|
| <b>Regulatory</b> | For research purposes only |
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**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://www.bio-rad-antibodies.com/technical-support)

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