

Technical Data Sheet

Pacific Blue™ Rat IgG2a, κ Isotype Control**Product Information**

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| Material Number: | 558109 |
| Size: | 0.1 mg |
| Concentration: | 0.2 mg/ml |
| Clone: | R35-95 |
| Immunogen: | Mouse Pooled Immunoglobulin |
| Isotype: | Rat (LOU) IgG2a, κ |
| Storage Buffer: | Aqueous buffered solution containing ≤0.09% sodium azide. |

Description

The R35-95 hybridoma was generated by hybridization of Y3 myeloma cells with spleen cells from LOU rats immunized with mouse immunoglobulins. The R35-95 hybridoma produces rat IgG2a, κ immunoglobulin that has no measurable reactivity with mouse immunoglobulins. The R35-95 immunoglobulin was selected as an isotype control following screening for low background binding on a variety of mouse and human tissues.

Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography. The antibody is conjugated to Pacific Blue™ under optimum conditions, and unreacted Pacific Blue™ was removed. Store undiluted at 4°C and protected from prolonged exposure to light. Do not freeze.

Application Notes**Application**

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| Flow cytometry | Routinely Tested |
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Product Notices

1. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.
2. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
3. The Alexa Fluor®, Pacific Blue™, and Cascade Blue® dye antibody conjugates in this product are sold under license from Molecular Probes, Inc. for research use only, excluding use in combination with microarrays, or as analyte specific reagents. The Alexa Fluor® dyes (except for Alexa Fluor® 430), Pacific Blue™ dye, and Cascade Blue® dye are covered by pending and issued patents.
4. Pacific Blue™ has a maximum absorption of 416 nm and maximum emission of 451 nm. Before staining with this reagent, please confirm that your flow cytometer is capable of exciting the fluorochrome and discriminating the resulting fluorescence.
5. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.
6. For fluorochrome spectra and suitable instrument settings, please refer to our Fluorochrome Web Page at www.bdbiosciences.com/pharmingen/colors.

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