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# 30-1911: Biotin Conjugated Mouse IgG2b Isotype Control Monoclonal Antibody (Clone:MPC-11)

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|---|---|
| **Clonality :** | Monoclonal |
| **Clone Name :** | MPC-11 |
| **Application :** | FACS |
| **Conjugate :** | Biotin |
| **Isotype :** | Mouse IgG2b |
| **Immunogen Information :** | KLH-coupled trinitrophenol |

## Description

The specificity of staining by monoclonal antibodies to target antigens should be verified by establishing the amount of non-specific antibody binding. Especially at higher concentration (more than 15 µg/ml) the antibody staining usually has consignable background. To this end a non-reactive immunoglobulin of the same isotype is included as a negative control for each specific monoclonal antibody used in a particular immunoassay. The monoclonal antibody MPC-11 was generated against an epitope irrelevant for human, mouse, and rat material, and can thus be used for evaluation of the background staining that is caused by general nonspecific interactions between an mouse IgG2b molecule and the respective sample under the particular conditions. This shall help the customer to set up the experimental conditions so that the nonspecific binding of any antibody is abolished.

## Product Info

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| **Amount :** | 0.1 mg |
| **Storage condition :** | Store at 2-8°C. Do not freeze. |

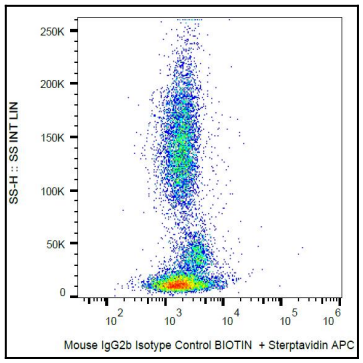



Figure 1: Example of nonspecific mouse IgG2b (MPC-11) biotin signal on human peripheral blood; surface staining, 16 µg/ml.

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