

## Mouse IgG1, κ Isotype Ctrl (MOPC-31C)

| Type              | Size      | Catalog number |
|-------------------|-----------|----------------|
| Unconjugated      | 100µg     | 102301         |
|                   | 500µg     | 102303         |
| FITC              | 25 tests  | 102314         |
|                   | 100 tests | 102315         |
|                   | 200 tests | 102316         |
| PE                | 25 tests  | 102324         |
|                   | 100 tests | 102325         |
|                   | 200 tests | 102326         |
| APC               | 25 tests  | 102344         |
|                   | 100 tests | 102345         |
|                   | 200 tests | 102346         |
| PerCP             | 100 tests | 102335         |
|                   | 200 tests | 102336         |
| PE-Cyanine 7      | 25 tests  | 102384         |
|                   | 100 tests | 102385         |
|                   | 200 tests | 102386         |
| PerCP-Cyanine 5.5 | 100 tests | 102365         |
|                   | 200 tests | 102366         |
| iFluor™ 488       | 25 tests  | 1023114        |
|                   | 100 tests | 1023115        |
|                   | 200 tests | 1023116        |
| iFluor™ 647       | 25 tests  | 1023124        |
|                   | 100 tests | 1023125        |
|                   | 200 tests | 1023126        |
| iFluor™ 700       | 25 tests  | 1023194        |
|                   | 100 tests | 1023195        |
|                   | 200 tests | 1023196        |
| mFluor™ 450       | 25 tests  | 1024144        |
|                   | 100 tests | 1024145        |
|                   | 200 tests | 1024146        |
| mFluor™ 540       | 25 tests  | 1023164        |
|                   | 100 tests | 1023165        |
|                   | 200 tests | 1023166        |
| Biotin            | 100µg     | 102351         |

**Clone:** MOPC-31C  
**Host/Isotype:** IgG1,κ  
**Purity:** >90% pure tested via polyacrylamide gel electrophoresis (PAGE)

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Formulation:</b>  | PBS, pH7.2, 0.09%NaN <sub>3</sub> (unconjugated, Biotin)<br>PBS, pH7.2, 0.09% NaN <sub>3</sub> and 0.2% (w/v) BSA (conjugated) |
| <b>Storage:</b>      | Store at 2-8°C and protected from prolonged exposure to light. <b>Do not freeze.</b>                                           |
| <b>Applications:</b> | Flow Cytometry                                                                                                                 |

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### **Application Information**

Each lot of MOPC-31C has been routinely validated with four serially diluted concentrations to determine any non-specific binding in human PBMCs by flow cytometric analysis. It is suggested to use the same concentration of purified MOPC-31C isotype control immunoglobulin as that of IgG1, k primary antibody.

### **Antigen Information**

The clone MOPC-31C is a monoclonal immunoglobulin and a useful isotype control (negative control) for a comparative expression analysis in various immunological techniques including flow cytometry, immunoprecipitation, immunohistochemistry, and immunocytochemistry in both human and mouse experimental settings.

### **References**

1. Ohno S, et al. 1977. *J Natl Cancer Inst.* 58:229.
2. Ohno S, et al. 1975. *J Natl Cancer Inst.* 55:569.
3. Percy ME, et al. 1976. *Can J Biochem.* 54:675.

### **Terms and Conditions**

This product is for research use only (RUO) and not intended for diagnostic testing.