

**Mouse IgG1,  $\kappa$  Isotype Ctrl (MOPC-31C)****Analyte Specific Reagent (ASR)\***

Type	Number of tests	Volume per test ( $\mu$ L)	Total volume ( $\mu$ L)	Catalog number
PE	100	5	500	4023025
mFluor™450	100	5	500	4023145
mFluor™540	100	5	500	4023165
iFluor™700	100	5	500	4023195
PE-Cyanine7	100	5	500	4023085

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**Clone:** MOPC-31C  
**Host/Isotype:** IgG1, $\kappa$   
**Purity:** >90% pure tested via polyacrylamide gel electrophoresis (PAGE)  
**Formulation:** PBS, pH7.2, 0.09% NaN<sub>3</sub> and 0.2% (w/v) BSA  
**Storage:** Store at 2-8°C and protected from prolonged exposure to light. **Do not freeze.**  
**Applications:** Flow Cytometry.

**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. Hay R, et al. 1994. *ATCC. Cell Lines and Hybridomas, Eighth Edition.*
4. Sabinovic KH, et al. 1976. *Catalogue of plasmacytomas and other tumors of the lymphoreticular system, 3rd edition.* Kensington, Maryland: Litton Bionetics, Inc.

\*Analyte Specific Reagent. The analytical and performance characteristics of this ASR product are not established.