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TECHNICAL DATA SHEET

Mouse IgG2a, κ Isotype Ctrl (RPC5.4)

Type	Size	Catalog number
Unconjugated	100µg	103601
	500µg	103603
FITC	25 tests	103614
	100 tests	103615
	200 tests	103616
PE	100 tests	103625
	200 tests	103626
APC	25 tests	103644
	100 tests	103645
	200 tests	103646
PerCP	100 tests	103635
	200 tests	103636
PerCP-Cyanine 5.5	25 tests	103664
	100 tests	103665
	200 tests	103666
iFluor™ 488	25 tests	1036114
	100 tests	1036115
	200 tests	1036116
iFluor™ 647	25 tests	1036124
	100 tests	1036125
	200 tests	1036126
iFluor™ 700	25 tests	1036194
	100 tests	1036195
	200 tests	1036196
mFluor™ 450	25 tests	1036144
	100 tests	1036145
	200 tests	1036146
mFluor™ 540	25 tests	1036164
	100 tests	1036165
	200 tests	1036166
Biotin	100µg	103651

Clone: RPC5.4
Host/Isotype: IgG2a, κ
Purity: >90% pure tested via polyacrylamide gel electrophoresis (PAGE)
Formulation: PBS, pH7.2, 0.09%NaN_3 (unconjugated, Biotin)
PBS, pH7.2, 0.09% NaN_3 and 0.2% (w/v) BSA (conjugated)
Storage: Store at 2-8°C and protected from prolonged exposure to light. **Do not freeze.**
Applications: Flow Cytometry

❖ iFluor and mFluor are trademarks of AAT Bioquest, Inc.

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Application Information

Each lot of RPC5.4 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 RPC5.4 isotype control immunoglobulin as that of IgG2a, k primary antibody.

Antigen Information

The RPC5.4 clone is a monoclonal immunoglobulin useful as isotype control (negative control) for a comparative expression analysis in immunological methods 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.

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