



## Mouse IgG2a, $\kappa$ PerCP

<b>Catalog #/ Size:</b>	103635 / 100 Tests 103636 / 200 Tests
<b>Conjugate:</b>	PerCP.
<b>Clone:</b>	RPC5.4
<b>Isotype:</b>	IgG2a, $\kappa$ .
<b>Preparation:</b>	Highly purified RPC5.4 immunoglobulin is prepared using affinity column chromatography. PerCP conjugation was performed following standard conjugation procedure.
<b>Test size:</b>	5 $\mu$ L (0.25 $\mu$ g) / test
<b>Formulation:</b>	PBS, pH7.2, <0.09% NaN <sub>3</sub> and 0.2% (w/v) BSA.
<b>Storage:</b>	2-8°C and protect from prolonged exposure to light. <b>Do not freeze.</b>
<b>Applications:</b>	Flow Cytometry and experiments that need PerCP conjugated IgG2a, $\kappa$ as negative control.

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### Application Information

Each lot of PerCP conjugated 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 PerCP conjugated RPC5.4 isotype control immunoglobulin as that of IgG2a,  $\kappa$  primary antibody.

### Description

The RPC5.4 is a monoclonal immunoglobulin useful isotype control (negative control) for a comparative expression analysis 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 PerCP conjugated mouse IgG2a,  $\kappa$  monoclonal isotype control immunoglobulin is for research use only (RUO) and not for diagnostic use. If the product does not perform as indicated on the data sheet, Caprico Biotechnologies will offer a replacement or a full refund within 30 days of purchase.