

Datasheet: MCA6006EL

BATCH NUMBER 166478

Description:	RAT IgG2b NEGATIVE CONTROL:Low Endotoxin
Specificity:	RAT IgG2b NEGATIVE CONTROL
Format:	Low Endotoxin
Product Type:	Negative/Isotype Control
Isotype:	IgG2b
Quantity:	0.5 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			*

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. *This antibody should be used at the same concentration as the test antibody.

Target Species	Negative Control
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Endotoxin Level	<0.01EU/ug
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	KLH
Specificity	Rat IgG2b negative control , a rat monoclonal raised against KLH, is recommended for

use as a negative control to assess the level of non-specific binding of rat IgG2b test antibodies to the surface of human and mouse cells in flow cytometry.

Test results have shown that this antibody is also suitable for use as a negative control with porcine and canine cells.

Flow Cytometry Use 10ul of the suggested working dilution to label 1×10^6 cells in 100ul

References

1. Stavre, Z. *et al.* (2022) A role for neutrophils in early enthesitis in spondyloarthritis. [Arthritis Res Ther. 24 \(1\): 24.](#)
2. Andrews, S.L. *et al.* (2023) SVEP1 influences monocyte to macrophage differentiation via integrin $\alpha 4\beta 1/\alpha 9\beta 1$ and Rho/Rac signalling. [Biochim Biophys Acta Mol Cell Res. 1870 \(6\): 119479.](#)

Storage Store at -20°C only.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10162 available at: <https://www.bio-rad-antibodies.com/SDS/MCA6006EL>
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Regulatory For research purposes only

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