

Mouse IgG2b kappa Isotype Control (eBMG2b), PE, eBioscience™

| Product Details | |
|--------------------|--|
| Size | 100 Tests |
| Published Species | Rat, Pig, Human |
| Host/Isotype | Mouse / IgG2b, kappa |
| Class | Control |
| Type | Isotype Control |
| Clone | eBMG2b |
| Conjugate | PE |
| Form | Liquid |
| Concentration | 5 µL/Test |
| Purification | Affinity chromatography |
| Storage buffer | PBS, pH 7.2, with 0.1% gelatin, 0.2% BSA |
| Contains | 0.09% sodium azide |
| Storage Conditions | 4° C, store in dark, DO NOT FREEZE! |
| RRID | AB_1518771 |

| Applications | Tested Dilution | Publications |
|-----------------------|------------------|-----------------|
| Flow Cytometry (Flow) | 5 µL (1 µg)/test | 11 Publications |
| Control (Ctrl) | Assay-Dependent | 1 Publication |

Product Specific Information

Description: The monoclonal mouse IgG2b, kappa is useful as an isotype control immunoglobulin.

Applications Reported: This mouse IgG2b isotype control has been reported for use in flow cytometric analysis.

Applications Tested: This Mouse IgG2b K Isotype Control is offered in 2 formats: - µg size: has been tested by flow cytometric analysis of normal human peripheral blood cells and can be used at the same concentration as the experimental antibody. - test size: has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at test size: 5 µL (1 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test.

Excitation: 488-561 nm; Emission: 578 nm; Laser: Blue Laser, Green Laser, Yellow-Green Laser.

Filtration: 0.2 µm post-manufacturing filtered.

12 References

Flow Cytometry (11)

Veterinary research

Immunobiotic lactic acid bacteria beneficially regulate immune response triggered by poly(I:C) in porcine intestinal epithelial cells.

"12-4732 was used in Flow cytometry/Cell sorting to demonstrate that L. casei modulates the interaction between IECs and immune cells during the immune response."

Authors: Hosoya S, Villena J, Shimazu T, Tohno M, Fujie H, Chiba E, Shimosato T, Aso H, Suda Y, Kawai Y, Saito T, Alvarez S, Ikegami S, Itoh H, Kitazawa H

Species
Not Applicable
Pig

Dilution
Not Cited
Not Cited

Year
2011

Experimental and therapeutic medicine

Effect of cold stress on immunity in rats.

"12-4732 was used in Flow cytometry/Cell sorting to determine the effect of a sudden ambient temperature drop on the levels of stress hormones and T-lymphocyte cytokines in the plasma of mice."

Authors: Hu GZ, Yang SJ, Hu WX, Wen Z, He D, Zeng LF, Xiang Q, Wu XM, Zhou WY, Zhu QX

Species
Rat

Dilution
Not Cited

Year
2016

[View more Flow references on thermofisher.com](#)

Control (1)

Blood

PML4 facilitates erythroid differentiation by enhancing the transcriptional activity of GATA-1.

"12-4732 was used as a Control in experiments to determine the role promyelocytic leukemia protein (PML) plays in erythropoiesis- specifically PML4, a specific isoform expressed in erythroid cells."

Authors: Wu J, Zhou LQ, Yu W, Zhao ZG, Xie XM, Wang WT, Xiong J, Li M, Xue Z, Wang X, Zhang P, Mao BB, Hao DL, Lv X, Liu DP

Species
Human

Dilution
Not Cited

Year
2014

More applications with references on thermofisher.com

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