

Datasheet: DC057

| | |
|----------------------|--|
| Description: | RAT IgG2a:FITC/RAT IgG1:RPE NEGATIVE CONTROL |
| Specificity: | RAT IgG2a/IgG1 NEGATIVE CONTROL |
| Format: | FITC/RPE |
| Product Type: | Negative/Isotype Control |
| Isotype: | IgG1, IgG2a |
| Quantity: | 50 TESTS |

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 | ▪ | | | Neat |

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

| | | | |
|--------------------------|---|----------------------------|--------------------------|
| Antibody Isotypes | FITC reagent: IgG2a (RAT) RPE reagent: IgG1 (RAT) | | |
| Target Species | Negative Control | | |
| Product Form | Dual Colour combination consisting of FITC conjugated and RPE conjugated monoclonal antibodies mixed in optimal ratio - lyophilized | | |
| Reconstitution | Reconstitute with 0.5 ml distilled water | | |
| Max Ex/Em | Fluorophore | Excitation Max (nm) | Emission Max (nm) |
| | FITC | 490 | 525 |
| | RPE 488nm laser | 496 | 578 |
| | RPE 561nm laser | 546 | 578 |
| Buffer Solution | Phosphate buffered saline | | |
| Preservative | 0.09% Sodium Azide | | |
| Stabilisers | 1% | Bovine Serum Albumin | |
| | 5% | Sucrose | |

Product Information DC057 is suitable for use as a negative control for the measurement of non-specific binding of rat monoclonals of isotype IgG2a and IgG1 to human tissues in a dual labelling technique using FITC and R-Phycoerythrin fluorochromes.

Suitable for use as negative control for human, pig, dog and mouse.

Flow Cytometry Use 10ul to label 10⁶ cells or 100ul whole blood

Storage Prior to reconstitution store at +4°C. Following reconstitution store at +4°C.
DO NOT FREEZE.
This product should be stored undiluted. This product is photosensitive and should be protected from light.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #20487 available at:
20487: <https://www.bio-rad-antibodies.com/uploads/MSDS/20487.pdf>

Regulatory For research purposes only

Related Products

Recommended Negative Controls

[RAT IgG2a:FITC/RAT IgG2a:RPE NEGATIVE CONTROL \(DC036\)](#)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

From March 15, 2021, we will no longer supply printed datasheets with our products.
Look out for updates on how to access your digital version at bio-rad-antibodies.com

'M375224:210104'

Printed on 11 Feb 2021

© 2021 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)