

## Product Datasheet

# Rat IgG2b Kappa isotype control Antibody (orb343811)

|                             |  |
|-----------------------------|--|
| <b>Catalog Number</b>       | orb343811  |
| <b>Category</b>             | Antibodies   |
| <b>Description</b>          | Rat IgG2b Kappa isotype control Antibody   |
| <b>Isotype</b>              | IgG2b  |
| <b>Conjugation</b>          | Unconjugated   |
| <b>Form/Appearance</b>      | Liquid (sterile filtered)  |
| <b>Concentration</b>        | 1.0mg/ml   |
| <b>Buffer/Preservatives</b> | Preservative: 0.01% (w/v) Sodium Azide. Stabilizer: None; Buffer: 0.02 M Potassium Phosphate, 0.5 M Sodium Chloride, pH 7.2  |
| <b>Purity</b>               | RAT IgG2b Kappa isotype control has been prepared from concentrated cell culture supernatant by immunoaffinity chromatography using protein G. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rat IgG1 and anti-Rat serum. Isotyping assay resulted non-reactive with antisera to Rat IgG1a, IgG1b, IgG3, IgM, and IgA. Light and heavy chain composition has been confirmed by SDS-PAGE. |
| <b>Tested applications</b>  | FC, SDS-PAGE   |
| <b>Dilution range</b>       | FC: 1:1000-1:5000  |
| <b>Application notes</b>    | RAT IgG2b Kappa isotype control has been tested in SDS-Page and can be utilized as a control or standard reagent in Western Blotting, Flow Cytometry, and ELISA experiments where determination of sample isotype is important. Specific conditions should be optimized by user.   |

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|                          |   |
|--------------------------|---|
| <b>Clone Number</b>      | RG2bK   |
| <b>Source</b>            | Rat   |
| <b>Biological Origin</b> | Rat   |
| <b>Storage</b>           | Store vial at 4° C prior to opening. This product is stable 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage mix with an equal volume of glycerol, aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. |
| <b>Note</b>              | For research use only   |
| <b>Expiration Date</b>   | 12 months from date of receipt.   |

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