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## Product Datasheet

### Guanine nucleotide-binding protein alpha-q / GNAQ / G-ALPHA-q(GNAQ/2434), 1mg/mL, Clone: [GNAQ/2434], Mouse, Monoclonal BOT-BNUM2434-50

|                            |                                                                                                                                                                                                                                                                |
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| Article Name               | Guanine nucleotide-binding protein alpha-q / GNAQ / G-ALPHA-q(GNAQ/2434), 1mg/mL, Clone: [GNAQ/2434], Mouse, Monoclonal                                                                                                                                        |
| Biozol Catalog Number      | BOT-BNUM2434-50                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | BNUM2434-50                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | BOT-BNUM2434-50-50UL                                                                                                                                                                                                                                           |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                        |
| Host                       | Mouse                                                                                                                                                                                                                                                          |
| Category                   | Antikörper                                                                                                                                                                                                                                                     |
| Species Reactivity         | Human                                                                                                                                                                                                                                                          |
| Immunogen                  | Recombinant full-length human GNAQ protein                                                                                                                                                                                                                     |
| Product Description        | GNAQ is 359 amino acids long and is identical in all but 1 amino acid residue to the mouse protein. Analysis of human genomic DNA revealed an intronless sequence with strong homology to human GNAQ cDNA. In comparison to GNAQ cDNA, this genomic DNA seq... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                     |
| Concentration              | 1 mg/mL                                                                                                                                                                                                                                                        |
| Clone Designation          | [GNAQ/2434]                                                                                                                                                                                                                                                    |
| Molecular Weight           | 45 kDa                                                                                                                                                                                                                                                         |
| UniProt                    | <a href="#">P50148</a>                                                                                                                                                                                                                                         |

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|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Buffer            | PBS, no BSA, no azide                                                                                                                                                                                                                                                                                                                                                                                                              |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Application Notes | For coating for ELISA, order Ab without BSA Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Optimal dilution and staining procedure for a specific application should be determined by user Recommended starting concentrations for titration are 1-2 ug/mL for most applications, or 1 ug/million cells/100 uL for flow cytometry |