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## Product Datasheet

### Human IgG Immunoglobulin(IG217), 0.2mg/mL, Clone: [IG217], Mouse, Monoclonal BOT-BNUB0217-500

|                            |                                                                                                                                                                                                                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Human IgG Immunoglobulin(IG217), 0.2mg/mL, Clone: [IG217], Mouse, Monoclonal                                                                                                                                                                                                                         |
| Biozol Catalog Number      | BOT-BNUB0217-500                                                                                                                                                                                                                                                                                     |
| Supplier Catalog Number    | BNUB0217-500                                                                                                                                                                                                                                                                                         |
| Alternative Catalog Number | BOT-BNUB0217-500-500UL                                                                                                                                                                                                                                                                               |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                                                              |
| Host                       | Mouse                                                                                                                                                                                                                                                                                                |
| Category                   | Antikörper                                                                                                                                                                                                                                                                                           |
| Application                | IHC                                                                                                                                                                                                                                                                                                  |
| Species Reactivity         | Human                                                                                                                                                                                                                                                                                                |
| Immunogen                  | Purified human Ig Gamma Chain                                                                                                                                                                                                                                                                        |
| Product Description        | Recognizes a protein of 75 kDa, identified as $\kappa$ heavy chain of human immunoglobulins. It reacts with all sub-classes of $\kappa$ chain of human immunoglobulins. It does not cross-react with $\lambda$ (IgA), $\lambda$ (IgM), $\mu$ (IgE), or $\delta$ (IgD), heavy chains, T-cells, mon... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                                                           |
| Concentration              | 0.2 mg/mL                                                                                                                                                                                                                                                                                            |
| Clone Designation          | [IG217]                                                                                                                                                                                                                                                                                              |
| Molecular Weight           | 75 kDa                                                                                                                                                                                                                                                                                               |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt           | <a href="#">P01857</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Buffer            | PBS, 0.05% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Application Notes | <p>Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 0.5-1 ug/mL Immunohistology formalin/paraffin 0.5-1 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes Flow Cytometry 0.5-1 ug/million cells/0.1 mL Optimal dilution for a specific application should be determined by user</p> |