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## Product Datasheet

### **Human Immunoglobulin Gamma (IgG) Heavy Chain(IG217 + IG266), 0.2mg/mL, Clone: [IG217 IG266], Mouse, Monoclonal BOT-BNUB1262-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Human Immunoglobulin Gamma (IgG) Heavy Chain(IG217 + IG266), 0.2mg/mL, Clone: [IG217 IG266], Mouse, Monoclonal                                                                                                                                                |
| Biozol Catalog Number      | BOT-BNUB1262-500                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | BNUB1262-500                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | BOT-BNUB1262-500-500UL                                                                                                                                                                                                                                        |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Purified human IgG                                                                                                                                                                                                                                            |
| Product Description        | This MAb is specific to heavy chain of IgG and shows minimal cross-reaction with heavy chains of other immunoglobulins. It is reactive with all subclasses of Gamma heavy chain(IgG1, IgG2a, IgG2b, IgG3). The most common feature of plasmacytomas, and c... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.2 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [IG217 IG266]                                                                                                                                                                                                                                                 |
| Molecular Weight           | 75 kDa                                                                                                                                                                                                                                                        |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt           | <a href="#">P01857</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Buffer            | PBS, 0.05% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Application Notes | <p>Flow cytometry: 1 ug/million cells Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunohistochemistry (formalin-fixed): 0.5-1 ug/mL for 30 minutes at RT Immunofluorescence: 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 minutes followed by cooling at RT for 20 minutes Optimal dilution for a specific application should be determined by user</p> |