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## Product Datasheet

### Human IgM Immunoglobulin(DA4-4), 1mg/mL, Clone: [DA4-4], Mouse, Monoclonal BOT-BNUM0759-50

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Human IgM Immunoglobulin(DA4-4), 1mg/mL, Clone: [DA4-4], Mouse, Monoclonal                                                                                                                                                                                    |
| Biozol Catalog Number      | BOT-BNUM0759-50                                                                                                                                                                                                                                               |
| Supplier Catalog Number    | BNUM0759-50                                                                                                                                                                                                                                                   |
| Alternative Catalog Number | BOT-BNUM0759-50-50UL                                                                                                                                                                                                                                          |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Heavy chain of human IgM                                                                                                                                                                                                                                      |
| Product Description        | Recognizes a protein of 75 kDa, identified as mu heavy chain of human immunoglobulins. It does not cross-react with alpha (IgA), gamma (IgG), epsilon (IgE), or delta (IgD), heavy chains, T-cells, monocytes, granulocytes, or erythrocytes. This MAb is ... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 1 mg/mL                                                                                                                                                                                                                                                       |
| Clone Designation          | [DA4-4]                                                                                                                                                                                                                                                       |
| Molecular Weight           | 50-75 kDa                                                                                                                                                                                                                                                     |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt           | <a href="#">P01871</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Buffer            | PBS, no BSA, no azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Application Notes | 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-fixed 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 |