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## Product Datasheet

**Beta-2-Microglobulin (B2M)(B2M/1118), CF405S conjugate, 0.1mg/mL,  
Clone: [B2M/1118], Mouse, Monoclonal  
BOT-BNC041118-100**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Beta-2-Microglobulin (B2M)(B2M/1118), CF405S conjugate, 0.1mg/mL, Clone: [B2M/1118], Mouse, Monoclonal                                                                                                                                                        |
| Biozol Catalog Number      | BOT-BNC041118-100                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC041118-100                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC041118-100-100UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FC, IF, IHC, WB                                                                                                                                                                                                                                               |
| Species Reactivity         | Human, Primate                                                                                                                                                                                                                                                |
| Immunogen                  | Full length recombinant human B2M protein                                                                                                                                                                                                                     |
| Conjugation                | CF405S                                                                                                                                                                                                                                                        |
| Product Description        | Beta-2 microglobulin is a component of the class I major histocompatibility complex (MHC I) where it functions in antigen processing and presentation. Involved in the presentation of peptide antigens to the immune system. Human Beta-2 microglobulin i... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [B2M/1118]                                                                                                                                                                                                                                                    |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight  | 12 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| UniProt           | <a href="#">P61769</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Buffer            | PBS, 0.1% 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-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</p> |