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## Product Datasheet

### **MCM7 (Proliferation Marker) (MCM7/1468), CF740 conjugate, 0.1mg/mL, IgG2b, Clone: [MCM7/1468], CF 740, Mouse, Monoclonal BOT-BNC741468-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | MCM7 (Proliferation Marker) (MCM7/1468), CF740 conjugate, 0.1mg/mL, IgG2b, Clone: [MCM7/1468], CF 740, Mouse, Monoclonal                                                                                                                                      |
| Biozol Catalog Number      | BOT-BNC741468-500                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC741468-500                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC741468-500-500UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC, WB                                                                                                                                                                                                                                                       |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant human MCM7 protein fragment (aa195-319) (exact sequence is proprietary)                                                                                                                                                                           |
| Conjugation                | CF 740                                                                                                                                                                                                                                                        |
| Product Description        | MCM7 is one of the highly conserved mini-chromosome maintenance proteins (MCM) that is essential for the initiation of eukaryotic genome replication. The hexameric protein complex formed by the MCM proteins is a key component of the pre-replication c... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [MCM7/1468]                                                                                                                                                                                                                                                   |

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|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight  | 88 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Isotype           | IgG2b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UniProt           | <a href="#">P33993</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Buffer            | PBS, 0.1% rBSA, 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): 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 min Flow Cytometry 0.5-1 ug/million cells/0.1 mL Optimal dilution for a specific application should be determined by user</p> |