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## Product Datasheet

### CD5(CD5/54/F6), 1mg/mL, Clone: [CD5/54/F6], Mouse, Monoclonal BOT-BNUM0746-50

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | CD5(CD5/54/F6), 1mg/mL, Clone: [CD5/54/F6], Mouse, Monoclonal                                                                                                                                                                                                 |
| Biozol Catalog Number      | BOT-BNUM0746-50                                                                                                                                                                                                                                               |
| Supplier Catalog Number    | BNUM0746-50                                                                                                                                                                                                                                                   |
| Alternative Catalog Number | BOT-BNUM0746-50-50UL                                                                                                                                                                                                                                          |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Bovine, Equine, Gallus, Guinea pig, Human, Monkey, Porcine, Rabbit, Rat                                                                                                                                                                                       |
| Immunogen                  | A synthetic peptide from the intracellular region of human CD5                                                                                                                                                                                                |
| Product Description        | Recognizes a 67 kDa transmembrane protein, which is identified as CD5. The CD5 antigen is found on 95% of thymocytes and 72% of peripheral blood lymphocytes. In lymph nodes, the main reactivity is observed in T cell areas. Anti-CD5 is a pan T-cell ma... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 1 mg/mL                                                                                                                                                                                                                                                       |
| Clone Designation          | [CD5/54/F6]                                                                                                                                                                                                                                                   |
| Molecular Weight           | 67 kDa                                                                                                                                                                                                                                                        |
| UniProt                    | <a href="#">P06127</a>                                                                                                                                                                                                                                        |

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|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |