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## Product Datasheet

### **CD117 / c-Kit (Marker for Gastrointestinal Stromal Tumors)(KIT/2670), 1mg/mL, Clone: [KIT/2670], Mouse, Monoclonal BOT-BNUM2670-50**

|                            |                                                                                                                                                                                                                                                                  |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | CD117 / c-Kit (Marker for Gastrointestinal Stromal Tumors)(KIT/2670), 1mg/mL, Clone: [KIT/2670], Mouse, Monoclonal                                                                                                                                               |
| Biozol Catalog Number      | BOT-BNUM2670-50                                                                                                                                                                                                                                                  |
| Supplier Catalog Number    | BNUM2670-50                                                                                                                                                                                                                                                      |
| Alternative Catalog Number | BOT-BNUM2670-50-50UL                                                                                                                                                                                                                                             |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                          |
| Host                       | Mouse                                                                                                                                                                                                                                                            |
| Category                   | Antikörper                                                                                                                                                                                                                                                       |
| Species Reactivity         | Human                                                                                                                                                                                                                                                            |
| Immunogen                  | Recombinant full-length human KIT protein                                                                                                                                                                                                                        |
| Product Description        | CD117, also known as c-kit, is a member of the immunoglobulin superfamily. It is a receptor tyrosine kinase that is expressed on hematopoietic progenitor cells. It binds to the c-kit ligand KITLG/SCF and has roles in cell survival and cell proliferation... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                       |
| Concentration              | 1 mg/mL                                                                                                                                                                                                                                                          |
| Clone Designation          | [KIT/2670]                                                                                                                                                                                                                                                       |
| Molecular Weight           | 145 kDa                                                                                                                                                                                                                                                          |
| UniProt                    | <a href="#">P10721</a>                                                                                                                                                                                                                                           |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Buffer            | PBS, no BSA, no azide                                                                                                                                                                                                                                                                                                                                                                                                              |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Application Notes | For coating for ELISA, order Ab without BSA Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Optimal dilution and staining procedure for a specific application should be determined by user Recommended starting concentrations for titration are 1-2 ug/mL for most applications, or 1 ug/million cells/100 uL for flow cytometry |