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## Product Datasheet

### **Tal1(TAL1/2707), 1mg/mL, Clone: [TAL1/2707], Mouse, Monoclonal BOT-BNUM2707-50**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Tal1(TAL1/2707), 1mg/mL, Clone: [TAL1/2707], Mouse, Monoclonal                                                                                                                                                                                                |
| Biozol Catalog Number      | BOT-BNUM2707-50                                                                                                                                                                                                                                               |
| Supplier Catalog Number    | BNUM2707-50                                                                                                                                                                                                                                                   |
| Alternative Catalog Number | BOT-BNUM2707-50-50UL                                                                                                                                                                                                                                          |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant human full-length TAL1 protein                                                                                                                                                                                                                    |
| Product Description        | Activation of TAL1 characterizes up to 60% of cases of human T cell acute lymphoblastic leukemia, making it the most frequent gain-of-function mutation observed in this disorder. TAL1 (also designated SCL) is a serine phosphoprotein and basic helix-l... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 1 mg/mL                                                                                                                                                                                                                                                       |
| Clone Designation          | [TAL1/2707]                                                                                                                                                                                                                                                   |
| Molecular Weight           | 42 kDa                                                                                                                                                                                                                                                        |
| UniProt                    | <a href="#">P17542</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 |