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## Product Datasheet

### **Calbindin 1 (CALB1)(CALB1/2364), CF568 conjugate, 0.1mg/mL, Clone: [CALB1/2364], Mouse, Monoclonal BOT-BNC682364-100**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Calbindin 1 (CALB1)(CALB1/2364), CF568 conjugate, 0.1mg/mL, Clone: [CALB1/2364], Mouse, Monoclonal                                                                                                                                                            |
| Biozol Catalog Number      | BOT-BNC682364-100                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC682364-100                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC682364-100-100UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant fragment (around aa 7-96) of human CALB1 protein (exact sequence is proprietary)                                                                                                                                                                  |
| Conjugation                | CF568                                                                                                                                                                                                                                                         |
| Product Description        | Calbindin 1, also known as calbindin D28K, is a member of a family of calcium binding proteins. This protein family also includes calmodulin, calbindin 2, S-100, and troponin C. Calbindin 1 is a 261-amino acid protein with 6 EF-hand domains, 4 of whi... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [CALB1/2364]                                                                                                                                                                                                                                                  |
| Molecular Weight           | 52 kDa                                                                                                                                                                                                                                                        |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt           | <a href="#">P05937</a>                                                                                                                                                                                                                                                                                                                                                                                                             |
| Buffer            | PBS, 0.1% BSA, 0.05% 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 |