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## Product Datasheet

### CD31 / PECAM-1(158-2B3), 1mg/mL, Clone: [158-2B3], Mouse, Monoclonal BOT-BNUM0352-50

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | CD31 / PECAM-1(158-2B3), 1mg/mL, Clone: [158-2B3], Mouse, Monoclonal                                                                                                                                                                                          |
| Biozol Catalog Number      | BOT-BNUM0352-50                                                                                                                                                                                                                                               |
| Supplier Catalog Number    | BNUM0352-50                                                                                                                                                                                                                                                   |
| Alternative Catalog Number | BOT-BNUM0352-50-50UL                                                                                                                                                                                                                                          |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FC, IF                                                                                                                                                                                                                                                        |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Stimulated human leukocytes (Workshop VI)                                                                                                                                                                                                                     |
| Product Description        | CD31 (PECAM-1) is a transmembrane glycoprotein member of the immunoglobulin supergene family of adhesion molecules. CD31 is expressed by stem cells of the hematopoietic system and is primarily used to identify and concentrate these cells for experime... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 1 mg/mL                                                                                                                                                                                                                                                       |
| Clone Designation          | [158-2B3]                                                                                                                                                                                                                                                     |
| Molecular Weight           | ~100 kDa (endothelium) and ~130 kDa (platelets)                                                                                                                                                                                                               |
| UniProt                    | <a href="#">P16284</a>                                                                                                                                                                                                                                        |

|                   |                                                                                                                                                                                                                                                                                                     |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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: 1-2 ug/mL Flow Cytometry 0.5-1 ug/million cells/0.1 mL Optimal dilution for a specific application should be determined by user |