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## Product Datasheet

### CD31 / PECAM-1(C31.10), 1mg/mL, Clone: [C31.10], Mouse, Monoclonal BOT-BNUM0848-50

|                          |                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | CD31 / PECAM-1(C31.10), 1mg/mL, Clone: [C31.10], Mouse, Monoclonal                                                                                                                                                                                            |
| Artikelnummer            | BOT-BNUM0848-50                                                                                                                                                                                                                                               |
| Hersteller Artikelnummer | BNUM0848-50                                                                                                                                                                                                                                                   |
| Alternativnummer         | BOT-BNUM0848-50-50UL                                                                                                                                                                                                                                          |
| Hersteller               | Biotium                                                                                                                                                                                                                                                       |
| Wirt                     | Mouse                                                                                                                                                                                                                                                         |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                    |
| Applikation              | FC, IHC, WB                                                                                                                                                                                                                                                   |
| Spezies Reaktivität      | Human                                                                                                                                                                                                                                                         |
| Immunogen                | Recombinant human CD31 protein                                                                                                                                                                                                                                |
| Produktbeschreibung      | 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... |
| Klonalität               | Monoclonal                                                                                                                                                                                                                                                    |
| Konzentration            | 1 mg/mL                                                                                                                                                                                                                                                       |
| Klon-Bezeichnung         | [C31.10]                                                                                                                                                                                                                                                      |
| Molekulargewicht         | ~100 kDa (endothelium) and ~130 kDa (platelets)                                                                                                                                                                                                               |

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|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt                | <a href="#">P16284</a>                                                                                                                                                                                                                                                                                                                                                                                  |
| Puffer                 | PBS, no BSA, no azide                                                                                                                                                                                                                                                                                                                                                                                   |
| Quelle                 | Animal                                                                                                                                                                                                                                                                                                                                                                                                  |
| Anwendungsbeschreibung | Immunohistology formalin-fixed 1-2 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 minutes Immunofluorescence 0.5-1 ug/mL Flow Cytometry 0.5-1 ug/million cells/0.1 mL Reacts weakly with rat, others not known Optimal dilution for a specific application should be determined by user |